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Textile Organon

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MONTHLY REVIEW

Highlights

6-Month U.S. Exports of Man-Made Fiber . . . see page 188.

6-Month U.S. Imports of Man-Made Fiber . . . see page 189.

Second Quarter 1984 Imports, Exports & Balance of Man-Made Fiber & Manufactures . . . see page 186.

***Textile Organon** Feature:*

The U.S. Textile Trade Balance: An Overview . . . begins on page 180.

Polyester textile yarn shipments rose for the second straight month, though shipments of polyester industrial yarn fell in September.

Shipments of nylon carpet yarn rose for the second consecutive month, while September nylon textile yarn shipments rose to the highest level since May.

Nylon staple+tow shipments fell in September, as did shipments of acrylic+modacrylic and polyester staple+tow.

Shipments of olefin yarn+monofilaments fell in September, while shipments of olefin+vinyon staple+tow remained unchanged from August.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT*

ITEM	1984 SEP	1984 AUG	%[a]	1983 SEP	%[b]	YEAR TO DATE 1984	YEAR TO DATE 1983	%[c]
YARN+MONOFILAMENTS								
ACETATE	**14.3**	**17.6**	*-18.7*	**19.0**	*-24.7*	**158.4**	**170.4**	*-7.0*
NYLON[d] - INDUSTRIAL	30.7	30.9	*-0.6*	30.6	*+0.3*	278.6	225.9	*+23.3*
- LOW DENIER INDUSTRIAL	3.1	2.8	*+10.7*	3.1	—	26.1	24.9	*+4.8*
- CARPET	69.7	67.1	*+3.9*	71.4	*-2.4*	599.1	556.4	*+7.7*
- TEXTILE	29.2	28.6	*+2.1*	31.5	*-7.3*	270.0	285.0	*-5.3*
POLYESTER - INDUSTRIAL	24.9	27.4	*-9.1*	27.4	*-9.1*	237.0	229.8	*+3.1*
- LOW DENIER INDUSTRIAL	1.7	1.9	*-10.5*	2.1	*+19.0*	18.1	19.2	*-5.7*
- TEXTILE	72.0	69.2	*+4.0*	84.0	*-14.3*	635.9	758.1	*-16.1*
OLEFIN	57.2	60.8	*-5.9*	63.6	*-10.1*	533.5	538.5	*-0.9*
TOTAL NONCELLULOSIC ABOVE	**288.5**	**288.7**	*-0.1*	**313.7**	*-8.0*	**2598.3**	**2637.8**	*-1.5*
STAPLE+TOW+FIBERFILL								
RAYON	**28.7**	**33.4**	*-14.1*	**32.0**	*-10.3*	**296.7**	**281.4**	*+5.4*
NYLON[d]	66.1	73.4	*-9.9*	82.8	*-20.2*	629.3	685.7	*-8.2*
ACRYLIC+MODACRYLIC	55.6	59.9	*-7.2*	58.2	*-4.5*	513.0	498.8	*+2.8*
POLYESTER	179.1	189.5	*-5.5*	208.3	*-14.0*	1635.4	1640.4	*-0.3*
OLEFIN+VINYON	21.9	21.9	—	17.3	*+26.6*	182.3	134.1	*+35.9*
TOTAL NONCELLULOSIC ABOVE	**322.7**	**344.7**	*-6.4*	**366.6**	*-12.0*	**2960.0**	**2959.0**	*+0.1*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

OCTOBER, 1984

A MONTHLY REVIEW

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Inventories decline again

Fiber producer inventories of noncellulosic yarn, staple and tow fell again in September. Since the peak levels of July, inventories have fallen a total of 47.5 million pounds.

Main reasons for the inventory decline —

- Production of noncellulosic fiber edged downward in September.
- Yarn + monofilaments. Production has declined steadily since June, while shipments have rebounded strongly from depressed July levels.
- Staple + tow. Production has declined significantly since June, while shipments have bounced back from low July levels.

Key products with lower production and higher shipment levels: Polyester textile yarn and polyester staple + tow.

Man-made fiber & manufactures trade balance improves

The combined trade balance of man-made fiber and man-made fiber manufactures improved slightly during the second quarter of 1984.

Imports of both fiber and manufactures fell from first quarter levels, while exports rose.

Yet the net import balance for the second quarter of 15.6 million pounds compares to a net export balance of 35.0 million pounds for the second quarter of 1983.

Key areas to note —

- Man-made fiber net export balance rose to 126.3 million pounds, up from the first quarter export balance of 115.4 million pounds.
- Garment net import balance fell marginally to 146.5 million pounds, down from 147.2 million pounds for the first quarter.

DuPont to hike nylon carpet fiber capacity

The DuPont Co. has announced it will expand its nylon carpet fiber capacity by 100 million pounds at its Seaford, Del., and Camden, S.C., plants. (DNR, 10/18/84)

Rhone-Poulenc to end acrylic fiber production

France's Rhone-Poulenc has announced it will close its acrylic fiber plant at Colmar in eastern France before 1986, ending the company's participation in the European acrylic fiber business. (European Chemical News, 10/8/84)

Courtaulds to acquire Cyanenka of Spain

Agreement has been reached for Courtaulds, Ltd. to acquire the Spanish acrylic fibers producer Cyanenka from Enka International and American Cyanamid. The deal is pending approval by the Spanish government. (European Chemical News, 10/8/84)

U.S. MAN-MADE FIBER TEXTILE TRADE BALANCE:
An Overview

The U.S. balance of trade in man-made fiber and manufactures dropped sharply in the first six months of 1984 to a net **import** balance of 55.0 million pounds. This compares with a net **export** balance of 92.0 million pounds for the first half of 1984, and a net **import** balance of 84.8 million pounds for the second half.

When placed in perspective of previous trade balance levels, this net **import** balance represents a significant departure from the historical trend of net **export** balances since 1973. Yet the first six-month 1984 data merely typify a deepening erosion since 1980 in the trade balance situation.

Greatly increased imports of garments, a weakening trade position in man-made fibers, as well as declining exports of both man-made fiber and manufactures have contributed greatly to the trade balance deterioration.

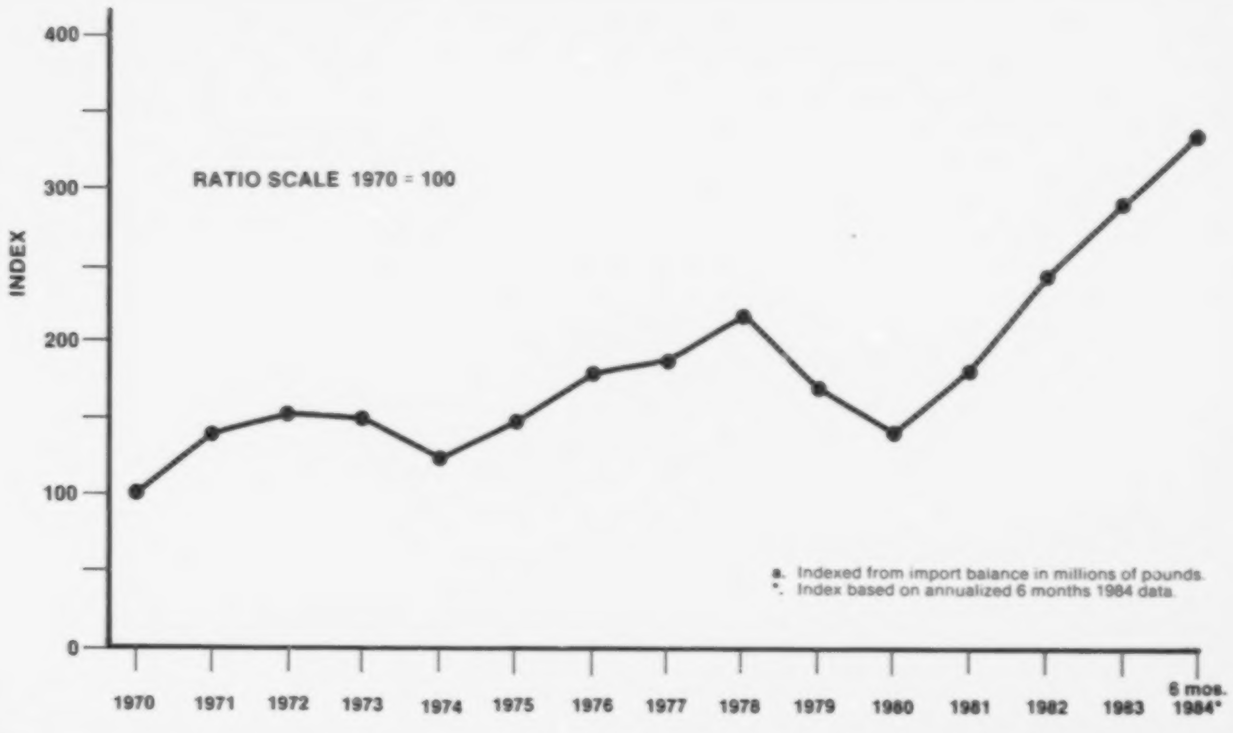
As graph 1 depicts, an index of the U.S. net **import** balance of garments has increased dramatically since 1980. With 1970 as the base point of 100, the 1980 index stood at 143, while by the first half of 1984 the index ballooned to 335. Most importantly, over the same period the overall U.S. man-made fiber and manufacture trade balance eroded from a net **export** balance of 1,433.5 million pounds to the net **import** balance of 55.0 million pounds for the first six months of 1984 (graph 2). This erosion is a direct result of the garment import trade.

Since 1973, the U.S. has enjoyed a net **export** balance of trade in man-made fibers, but as is exhibited in graph 3, the balance of trade in man-made fibers has declined significantly since 1981. Declining exports coupled with increasing imports have caused the man-made fiber trade balance to deteriorate in much the same manner as the garment import balance has eroded trade in manufactures.

When combined, the declining man-made fiber trade balance and the garment import balance have had a devastating effect on the overall trade situation for man-made fiber textiles since 1980.

However, it is the importance of garment net **import** balance which really has had the greatest impact on the overall trade situation. Graph 4 shows the effect of excluding the garment trade element from the man-made fiber manufacture balance. Without the garments included, the trade in man-made fiber manufactures would for most years exhibit a net **export** balance, as opposed to a net **import** balance when garments are included.

GRAPH 1: INDEX OF U.S. GARMENT IMPORT TRADE BALANCE[a]
1970-1984



a. Indexed from import balance in millions of pounds.
*. Index based on annualized 6 months 1984 data.

GRAPH 2: U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES
1970-1984

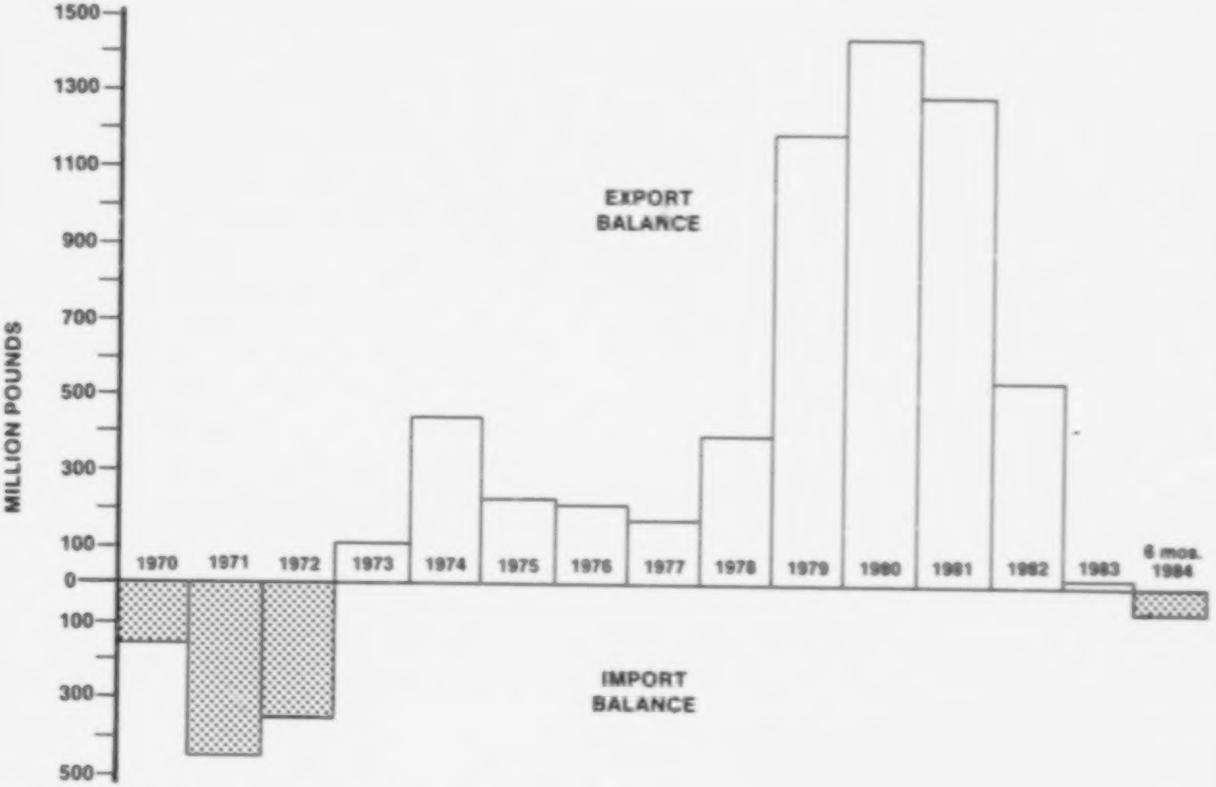


TABLE 2: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES
1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]
1970	614.3	460.6	153.7 I
1971	902.3	480.4	421.9 I
1972	919.8	561.7	358.1 I
1973	830.0	938.1	108.1 E
1974	630.1	1083.8	453.7 E
1975	581.9	815.3	233.4 E
1976	710.0	922.2	212.2 E
1977	781.6	958.5	176.9 E
1978	848.5	1248.3	399.8 E
1979	636.1	1830.3	1194.2 E
1980	636.3	2079.8	1443.5 E
1981	796.4	2088.7	1292.3 E
1982	831.5	1374.3	542.8 E
1983	1103.2	1110.4	7.2 E
1ST 6 MOS. 1983	502.9	594.9	92.0 E
2ND 6 MOS. 1983	600.3	515.5	84.8 I
6 MOS. 1984	682.4	627.4	55.0 I

[a] I means import balance. E means export balance.

GRAPH 3: U.S. BALANCE OF TRADE IN MAN-MADE FIBER VERSUS U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES

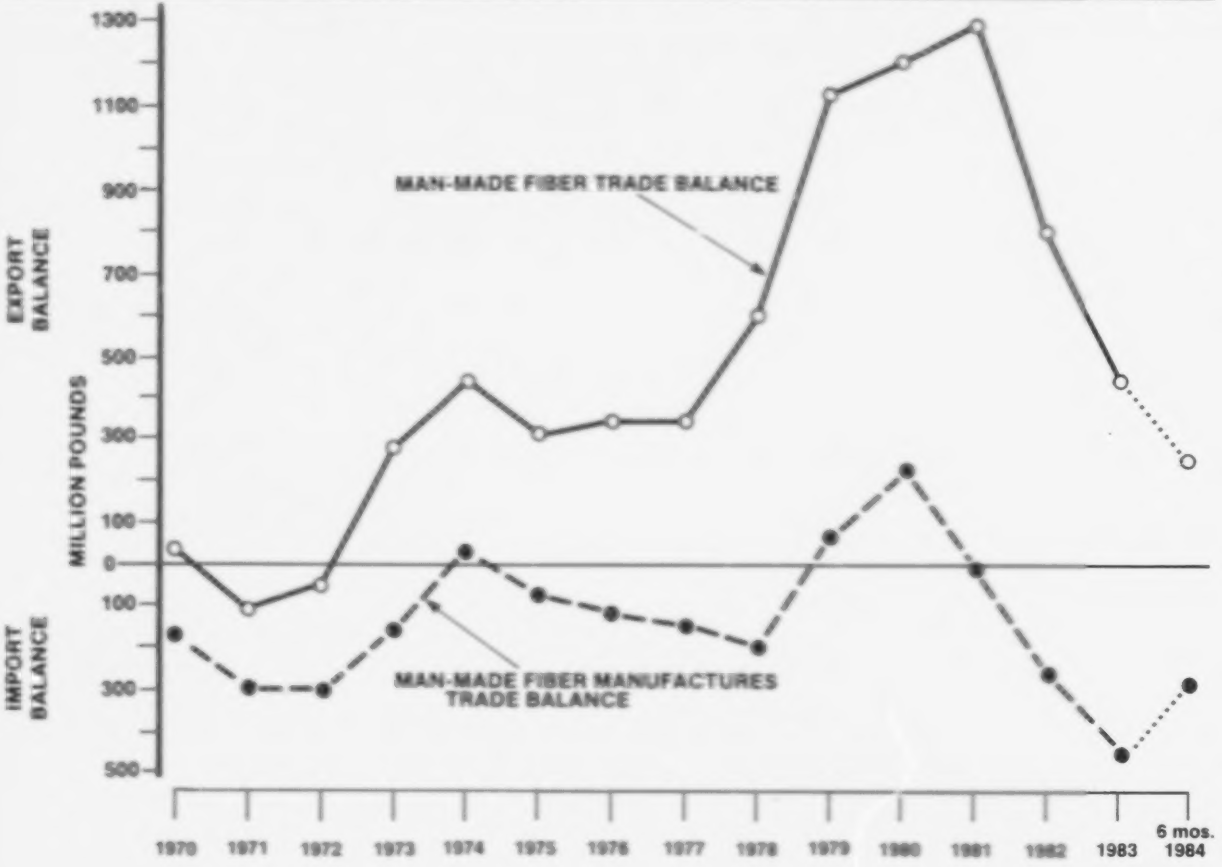


TABLE 3A: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER [a] 1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]
1970	285.0	313.5	28.5 E
1971	451.2	333.7	117.5 I
1972	439.3	384.1	55.2 I
1973	367.1	651.9	284.8 E
1974	258.9	693.1	434.2 E
1975	181.5	492.9	311.4 E
1976	230.5	570.0	339.5 E
1977	250.5	591.4	340.9 E
1978	205.9	806.6	600.7 E
1979	111.1	1233.7	1122.6 E
1980	95.7	1308.3	1212.6 E
1981	157.3	1451.0	1293.7 E
1982	133.5	935.8	802.3 E
1983	218.2	670.0	451.8 E
1ST 6 MOS. 1983	93.6	373.8	280.2 E
2ND 6 MOS. 1983	124.6	296.2	171.6 E
6 MOS. 1984	145.6	387.3	241.7 E

a. I means import balance. E means export balance.

TABLE 3B: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES [a] 1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]
1970	329.3	147.1	182.2 I
1971	451.1	146.7	304.4 I
1972	480.5	177.6	302.9 I
1973	462.9	286.2	176.7 I
1974	371.2	390.7	19.5 E
1975	400.4	322.4	78.0 I
1976	479.5	352.2	127.3 I
1977	531.1	367.1	164.0 I
1978	642.6	441.7	200.9 I
1979	525.0	596.6	71.6 E
1980	540.6	771.5	230.9 E
1981	639.1	637.7	1.4 I
1982	698.0	438.5	259.5 I
1983	885.0	440.4	444.6 I
1ST 6 MOS. 1983	409.3	221.1	188.2 I
2ND 6 MOS. 1983	475.7	219.3	256.4 I
6 MOS. 1984	536.8	240.1	296.7 I

a. I means import balance. E means export balance.

GRAPH 4: U.S. IMPORT & EXPORT BALANCE OF MAN-MADE FIBER MANUFACTURES
1970-1984

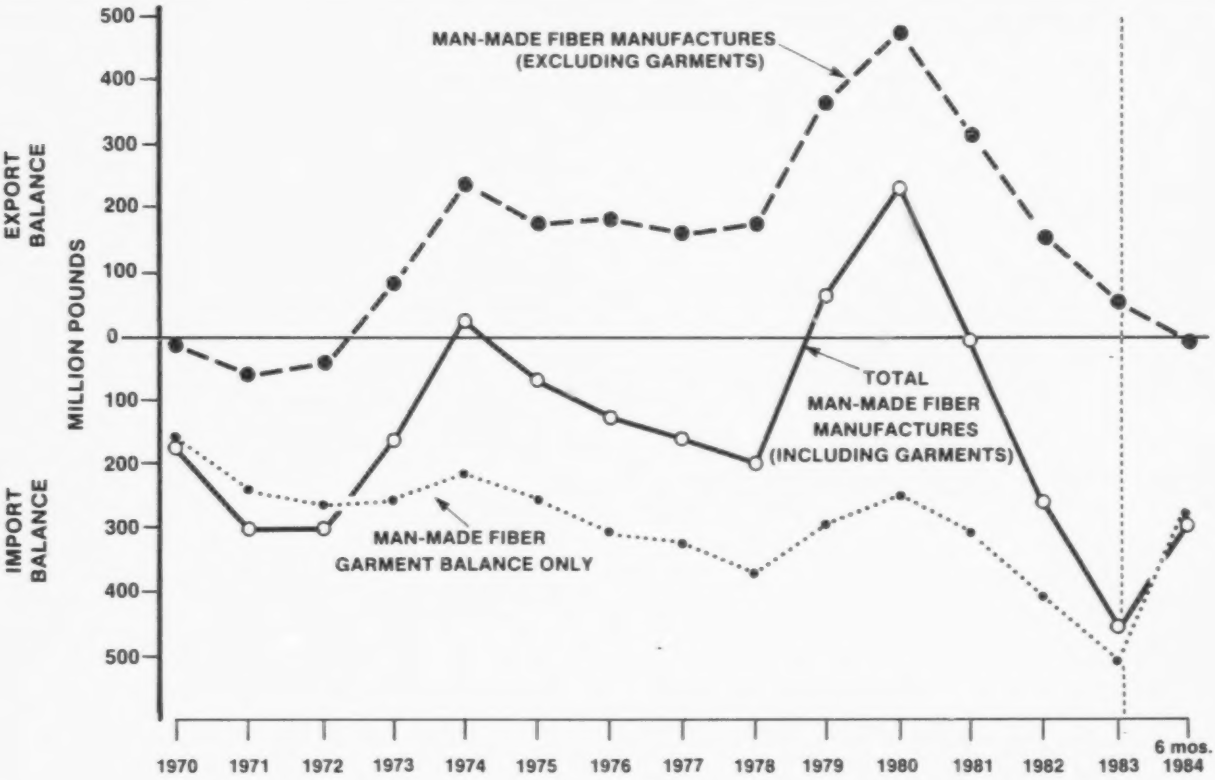


TABLE 4A: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES (EXCLUDING TRADE IN GARMENTS)
1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1970	141.1	134.3	6.8	I
1971	195.1	130.6	64.5	I
1972	196.9	152.8	44.1	I
1973	178.4	263.4	85.0	E
1974	119.2	357.6	238.4	E
1975	111.4	290.6	179.2	E
1976	135.1	317.8	182.7	E
1977	164.6	327.3	162.7	E
1978	217.0	393.1	176.1	E
1979	165.2	536.1	370.9	E
1980	162.0	644.4	482.4	E
1981	202.0	517.0	315.0	E
1982	211.5	363.3	151.8	E
1983	310.7	369.5	58.8	E
1ST 6 MOS. 1983	143.4	186.5	43.1	E
2ND 6 MOS. 1983	167.3	183.0	15.7	E
6 MOS. 1984	202.4	199.4	3.0	I

a. I means import balance. E means export balance.

TABLE 4B: U.S. GARMENTS TRADE BALANCE

YEAR	BALANCE[a]
1970	175.4 I
1971	239.9 I
1972	262.8 I
1973	261.7 I
1974	218.9 I
1975	257.2 I
1976	310.0 I
1977	326.7 I
1978	377.0 I
1979	299.3 I
1980	251.5 I
1981	316.4 I
1982	411.3 I
1983	503.4 I
1ST 6 MOS. 1983	231.3 I
2ND 6 MOS. 1983	272.1 I
6 MOS. 1984	293.7 I

a. I means import balance. E means export balance.

TABLE 5: SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984
CANADA	1404	1630	772	22753	31952	11168	5212	6643	2829	1610	1053	159	62163	72168	33462
COSTA RICA	18	44	20	1268	1231	1347	854	470	302	44	40	66	4435	5676	2853
DOMINICAN REPUBLIC	185	29	0	1771	2681	486	108	98	71	59	39	0	281	429	245
EL SALVADOR	131	2	1	3037	2759	1985	903	558	208	128	347	0	6972	9248	3553
GUATEMALA	35	34	0	3428	1876	1345	568	213	185	38	300	0	6030	4989	1381
HAITI	1	2	0	797	726	174	193	773	419	2	0	0	23	32	3
HONDURAS	1	2	0	1040	1035	234	39	8	6	0	+	+	1744	1985	1012
JAMAICA	34	0	0	181	354	127	6	27	1	0	2	44	6	31	22
LEEWARD & WINDWARD IS.	0	0	0	3	157	0	3	10	1	31	0	0	8	2	7
MEXICO	7	23	16	2321	350	179	1217	641	643	10506	5999	3553	6871	1686	787
NICARAGUA	+	0	0	4	+	0	8	+	1	0	0	0	440	7	0
PANAMA	0	0	0	72	52	20	41	12	36	0	0	0	189	108	5
TRINIDAD	0	0	0	68	120	64	9	39	14	1	+	1	7	17	18
OTHER	1	+	1	90	2	5	45	11	7	2	+	0	123	13	34
NORTH AMERICA	**1817**	**1766**	**810**	**36833**	**43295**	**17134**	**9206**	**9503**	**4723**	**12421**	**7780**	**3822**	**89292**	**96391**	**43382**
ARGENTINA	231	197	48	3551	3125	1064	200	481	450	461	286	318	6792	7493	5374
BOLIVIA	0	22	0	46	9	22	+	21	1	0	0	0	631	615	21
BRAZIL	17	1	+	1232	956	1161	1793	754	346	66	6	15	2285	253	2392
CHILE	26	56	8	198	194	139	26	206	20	1060	3002	1113	2481	4197	3588
COLOMBIA	46	160	0	1993	1388	926	1120	372	280	3008	3048	2292	3348	4675	7975
ECUADOR	820	769	190	699	671	182	441	224	36	1145	826	264	8098	5789	825
PARAGUAY	0	6	0	19	26	0	1	0	0	0	0	0	+	0	0
PERU	2	3	0	1308	260	51	879	137	99	526	577	752	1541	965	478
URUGUAY	0	0	0	56	354	82	41	1	2	54	13	4	116	143	385
VENEZUELA	13	66	3	1586	1295	782	774	219	126	11778	8905	11248	1818	1222	978
OTHER	0	+	0	0	6	20	5	18	0	0	2	0	+	2	0
SOUTH AMERICA	**1155**	**1280**	**249**	**10688**	**8284**	**4429**	**5280**	**2433**	**1360**	**18098**	**16665**	**16006**	**27110**	**25354**	**22016**
BELGIUM/LUX.	9115	7513	1876	9610	16988	7805	13195	15316	4915	33	21	406	14219	13314	9539
DENMARK	+	0	0	377	232	87	477	0	0	10	17	8	8968	3674	1136
FRANCE	16	20	0	3869	2619	1298	615	361	83	142	166	109	636	536	449
GERMANY, FED. REP. OF	487	146	234	3230	1119	737	1653	1205	174	231	341	159	3026	895	761
GREECE	34	7	0	68	235	0	23	36	13	1	33	0	714	288	306
IRELAND	+	0	0	4219	3989	1565	130	70	43	0	0	0	244	484	86
ITALY	5	+	0	3512	1454	506	1492	3417	2435	369	63	24	4013	758	521
NETHERLANDS	+	0	0	758	1039	880	293	162	85	19	18	42	2623	1676	2034
UNITED KINGDOM	10	62	0	8261	3874	2236	3761	4014	2649	470	353	151	5782	3524	1533
AUSTRIA	0	0	0	0	29	1	11	11	720	4	4	12	38	43	2
CZECHOSLOVAKIA	141	0	0	0	0	0	22	150	129	0	0	0	44	0	0
FINLAND	3	0	0	809	188	14	202	386	12	30	2	3	5013	2921	34
GERMAN DEM. REP.	0	0	0	38	84	19	0	0	279	0	0	0	267	447	242
HUNGARY	2	0	+	1091	0	0	+	0	0	0	0	0	1197	0	0
ICELAND	0	0	0	1	1	0	37	0	+	0	0	0	278	0	104
NORWAY	0	+	0	224	113	6	38	41	0	32	46	30	741	127	44
POLAND	0	53	52	304	219	0	453	3674	1640	0	0	0	219	4421	4353
PORTUGAL	0	0	0	332	439	325	65	8	3	0	2	0	782	101	1
SPAIN	0	0	0	1279	361	0	1331	2629	1125	242	96	14	1321	2771	292
SWEDEN	11	0	0	347	223	258	1857	1198	832	40	27	17	1163	903	203
SWITZERLAND	1	6	0	1228	281	7	76	42	12	8	15	6	1203	1074	14
TURKEY	0	4	0	5375	4329	0	16178	20338	13931	0	0	0	2791	3801	55
USSR	969	1374	0	0	0	0	0	0	0	0	11178	11217	304	0	0
YUGOSLAVIA	12	0	0	+	0	0	137	+	137	0	0	0	526	396	0
OTHER	0	109	0	0	7	0	+	0	252	0	219	0	0	220	42
EUROPE	**10806**	**9294**	**2162**	**44982**	**37823**	**15744**	**42046**	**53058**	**29469**	**1631**	**12601**	**12198**	**56112**	**42374**	**21751**

See footnotes opposite.

TABLE 6: SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984
AUSTRALIA	1517	2216	705	9700	5082	3319	1373	1559	704	713	322	87	8694	4941	2431
BANGLADESH	0	0	0	440	220	0	0	0	0	0	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	5164	0	0	95109	13014	11673	404	34	51	6	0	0	137360	42424	28734
HONG KONG	5	4	40	2174	574	134	465	204	76	3888	2	2	2171	1805	2715
INDIA	16	14	46	1430	230	101	2189	2017	1005	632	433	0	310	245	20
INDONESIA	48	36	0	1267	288	150	76	+	0	3323	575	15	743	90	593
IRAQ	0	0	0	715	1308	6	+	0	0	0	0	0	0	0	0
ISRAEL	26	1	0	5880	3829	1461	5299	5832	1365	71	3	3	1739	1316	1276
JAPAN	54	5	+	2682	1564	940	8782	9033	5114	294	193	101	7529	2913	1801
JORDAN	0	0	0	652	228	14	0	6	+	0	0	0	1	+	0
KOREA, REP. OF	758	491	286	3406	1022	115	646	251	203	8063	1100	1	2812	5133	2361
LEBANON	0	0	0	80	165	25	0	+	7	0	0	0	1	+	0
MALAYSIA	0	15	0	0	0	0	23	0	1	40	3	7	307	45	573
NEW ZEALAND	31	67	5	1206	612	636	226	301	295	32	271	7	466	243	208
PAKISTAN	4	0	0	91	77	33	1	0	75	2	29	0	48	1	0
PHILIPPINES	25	16	28	476	262	219	40	163	166	8861	1297	1699	3028	5315	1023
QATAR	0	0	0	0	0	0	0	144	0	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	97	64	35	273	111	1	3	11	4	122	1	43
SINGAPORE	0	0	0	30	2	11	6	5	3	2420	+	2	298	106	145
SYRIA	0	0	0	310	19	0	408	0	582	0	0	0	0	0	0
TAIWAN	178	13	1700	485	425	4186	913	1299	936	1918	670	50	40876	53660	30654
THAILAND	36	24	30	46	20	0	38	13	1	3473	0	0	831	782	684
UNIT. ARAB EMIRATES	0	0	0	108	0	0	0	+	1	0	0	0	6	2	0
OTHER	0	3	2	13	122	0	13	39	0	6	0	1	83	28	108
ASIA & OCEANIA	**7862**	**2905**	**2842**	**126397**	**29127**	**23058**	**21319**	**20867**	**10586**	**33745**	**4909**	**1979**	**207425**	**119050**	**73379**
ALGERIA	0	0	0	10133	5372	407	+	0	2	0	0	0	7	0	0
CAMEROON	0	0	0	425	67	127	0	0	0	0	0	0	0	+	286
EGYPT	0	4	0	20903	5618	2898	1147	0	4	999	915	444	289	7612	8555
KENYA	0	0	0	0	0	0	0	+	1	0	5	1	391	241	0
MOROCCO	0	33	71	2935	29	69	597	7	21	26	0	0	147	0	0
MOZAMBIQUE	0	0	0	0	31	0	2	0	0	0	0	0	0	256	0
NIGERIA	0	0	0	7201	5941	264	176	2	59	0	101	0	99	0	631
SOUTH AFRICA	498	536	257	3108	3881	1752	1378	418	226	93	118	20	27210	18132	10843
SUDAN	0	0	0	0	1	0	0	0	4	0	0	0	2080	217	108
TANZANIA	0	0	0	935	488	34	0	1	8	0	0	0	0	0	0
TUNISIA	0	0	0	245	76	81	0	0	0	0	0	0	5	0	90
ZAMBIA	0	0	0	0	0	0	187	187	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	139	28	46	+	+	0	0	0	0	727	2139	1836
OTHER	0	0	0	74	127	83	27	+	0	0	118	0	129	0	0
AFRICA	**498**	**573**	**328**	**46098**	**21659**	**5761**	**3514**	**428**	**325**	**1118**	**1257**	**465**	**31084**	**28597**	**22349**
GRAND TOTAL	**22138**	**15818**	**6391**	**264998**	**140188**	**66126**	**81365**	**86289**	**46463**	**67013**	**43212**	**34471**	**411023**	**311766**	**182877**

The commodity numbers are:

A. 309.0110, .2210, 310.0006 & .0026.

B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.

C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.

D. 309.4219, & .4222.

E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

TABLE 7: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	1ST Q 1983			2ND Q 1983			3RD Q 1983			4TH Q 1983			1ST Q 1984			2ND Q 1984		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
CELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	2.0	5.1	3.1 E	2.0	3.4	1.4 E	2.6	3.8	1.2 E	2.1	3.4	1.3 E	2.7	4.4	1.7 E	2.0	2.0	0
STAPLE+TOW[b]	2.3	8.6	6.3 E	4.1	18.7	14.6 E	3.5	9.2	5.7 E	3.8	6.7	2.9 E	4.9	16.1	11.2 E	3.5	18.4	14.9 E
WASTE	+	0.4	0.4 E	0.1	0.2	0.1 E	+	0.2	0.2 E	0.1	0.6	0.5 E	0.1	0.9	0.8 E	0.1	0.1	0
SUBTOTAL ABOVE	**4.3**	**14.1**	**9.8 E**	**6.2**	**22.3**	**16.1 E**	**6.1**	**13.2**	**7.1 E**	**6.0**	**10.7**	**4.7 E**	**7.7**	**21.4**	**13.7 E**	**5.6**	**20.5**	**14.9 E**
NONCELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	9.1	64.4	55.3 E	11.2	61.3	50.1 E	11.3	50.6	39.3 E	16.8	50.4	33.6 E	22.8	57.7	34.9 E	24.2	55.2	31.0 E
STAPLE+TOW	18.8	88.6	69.8 E	24.2	88.8	64.6 E	21.6	60.4	38.8 E	36.8	73.9	37.1 E	34.6	94.5	59.9 E	30.3	88.3	58.0 E
WASTE	9.0	18.0	9.0 E	10.8	16.3	5.5 E	12.3	16.7	4.4 E	13.7	20.3	6.6 E	12.8	19.7	6.9 E	7.6	30.0	22.4 E
SUBTOTAL ABOVE	**36.9**	**171.0**	**134.1 E**	**46.2**	**166.4**	**120.2 E**	**45.2**	**127.7**	**82.5 E**	**67.3**	**144.6**	**77.3 E**	**70.2**	**171.9**	**101.7 E**	**62.1**	**173.5**	**111.4 E**
TOTAL FIBER ABOVE[c]	**41.2**	**185.1**	**143.9 E**	**52.4**	**188.7**	**136.3 E**	**51.3**	**140.9**	**89.6 E**	**73.3**	**155.3**	**82.0 E**	**77.9**	**193.3**	**115.4 E**	**67.7**	**194.0**	**126.3 E**
MAN-MADE FIBER MANUFACTURES[d]																		
SLIVER, TOPS & ROVING	1.4	1.1	0.3 I	1.5	1.0	0.5 I	1.2	1.1	0.1 I	0.8	1.3	0.5 E	2.0	1.7	0.3 I	1.1	1.7	0.6 E
SPUN YARNS	7.8	7.2	0.6 I	10.2	7.6	2.6 I	12.9	5.5	7.4 I	10.9	5.5	5.4 I	12.2	5.7	6.5 I	14.0	5.3	8.7 I
THREAD & CRAFT YARNS	0.8	1.3	0.5 E	0.8	1.4	0.6 E	0.7	1.1	0.4 E	1.1	1.3	0.2 E	1.7	2.0	0.3 E	1.1	1.6	0.5 E
TIRE CORD & FABRIC	0.6	4.4	3.8 E	0.5	5.2	4.7 E	+	6.8	6.8 E	0.1	6.8	6.7 E	0.1	7.6	7.5 E	0.1	7.5	7.4 E
WOVEN FABRIC	25.1	28.3	3.2 E	34.9	29.0	5.9 I	33.6	25.5	8.1 I	29.6	25.8	3.8 I	36.5	24.7	11.8 I	40.6	29.0	11.6 I
KNIT FABRIC	0.5	3.5	3.0 E	0.5	3.5	3.0 E	0.5	3.7	3.2 E	0.7	3.5	2.8 E	0.7	3.3	2.6 E	0.8	3.3	2.5 E
NARROW FABRICS	3.7	5.1	1.4 E	3.2	6.4	3.2 E	3.0	7.6	4.6 E	2.9	6.5	3.6 E	3.3	6.0	2.7 E	3.0	6.8	3.8 E
APPAREL - KNIT	48.0	17.6	105.2 I	64.5	17.0	126.1 I	77.3	17.6	157.6 I	51.5	18.7	114.5 I	58.6	20.4	147.2 I	69.0	20.3	146.5 I
- NOT KNIT	74.8			78.6			97.9			81.7			109.0			97.8		
HOME FURNISHINGS[e]	23.2	15.7	7.3 E	28.7	36.5	22.3 E	30.1	27.3	11.7 E	39.2	25.5	0 E	43.0	25.9	2.1	42.2	29.3	10.1 E
OTHER		14.8			14.5			14.5			13.7			15.0			23.0	
TOTAL MANUFACTURES	**185.9**	**99.0**	**86.9 I**	**223.4**	**122.1**	**101.3 I**	**257.2**	**110.7**	**146.5 I**	**218.5**	**108.6**	**109.9 I**	**267.1**	**112.3**	**154.8 I**	**269.7**	**127.8**	**141.9 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**227.1**	**284.1**	**57.0 E**	**275.8**	**310.8**	**35.0 E**	**308.5**	**251.6**	**56.9 I**	**291.8**	**263.9**	**27.9 I**	**345.0**	**305.6**	**39.4 I**	**337.4**	**321.8**	**15.6 I**
COTTON MANUFACTURES[f]	**273.8**	**56.0**	**217.8 I**	**265.2**	**55.6**	**209.6 I**	**305.2**	**51.9**	**253.3 I**	**282.4**	**55.4**	**227.0 I**	**386.2**	**51.2**	**335.0 I**	**349.8**	**55.6**	**294.2 I**
WOOL MANUFACTURES[g]	**25.0**	**10.8**	**14.2 I**	**35.5**	**13.5**	**22.0 I**	**49.8**	**5.8**	**44.0 I**	**35.7**	**6.1**	**29.6 I**	**41.9**	**6.1**	**35.8 I**	**47.0**	**4.9**	**42.1 I**

SOURCES: The man-made fiber import and export data are from the U.S. Bureau of the Census. The man-made, cotton and wool manufactures data are from *Cotton and Wool Outlook & Situation*, a publication of the U.S. Department of Agriculture.

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance
I is a net import balance.

b. Acetate tow is excluded.

c. The fibers included are shown as "Total Man-Made Fiber Above" on pages 75 and 79 of the May 1984 Organon.

d. Man-made fiber equivalent.

e. These import data do not reflect significant poundages of luggage. For May-December 1982 this poundage totaled 109.1 million pounds. For 1983, on a quarterly basis, the total was 40.0, 41.2, 47.3 and 52.1 million pounds. For the first and second quarters of 1984, the totals were, respectively, 62.3 and 77.6 million pounds.

f. Raw cotton equivalent. Data are similar to those on page 192 of this issue.

g. Raw wool content. The data differ from those on page 192 of this issue to the extent that noils and waste are included here.

TABLE 8: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1983					1984				
		1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	74	103	16	46	239	25	41			
OTHER[b]	310.0026	5019	3332	3803	3342	15496	4302	1965			
MONOFILAMENTS	309.0110	11	4	5	23	43	0	2			
STRIPS	309.2210	0	12	5	23	40	56	0			
SUBTOTAL ABOVE		**5104**	**3451**	**3829**	**3434**	**15818**	**4383**	**2008**			
STAPLE+TOW - RAYON	309.4222	7979	17999	8811	5329	40118	15469	17503			
STAPLE - ACETATE	309.4219	593	688	417	1395	3093	629	780			
SUBTOTAL ABOVE		**8572**	**18687**	**9228**	**6724**	**43211**	**16098**	**18373**			
WASTE, ADVANCED & NOT ADVANCED	309.7400	**361**	**161**	**239**	**602**	**1363**	**859**	**108**			
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & 0009	10913	10917	9730	8448	40008	10514	8259			
- HIGH TENACITY[c]	310.0027	14240	14383	12544	14439	55606	15939	15366			
- OTHER	310.0029	3587	3825	3932	4236	15580	4063	3447			
POLYESTER - TEXTURED	310.0010	22202	18265	12050	11523	64040	14324	16827			
- HIGH TENACITY[c]	310.0032	3369	3541	3191	2136	12237	2775	1615			
- OTHER[d]	310.0034	1123	885	728	977	3713	1479	1135			
OTHER - TEXTURED	310.0014	3147	3370	3445	2669	12631	1588	1385			
- OLEFIN	310.0040	246	161	168	231	806	94	133			
- OTHER	310.0044	715	1407	725	763	3610	1444	1504			
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	797	378	439	736	2350	630	701			
POLYESTER[e]	309.0140	540	769	871	745	2925	791	620			
OTHER	309.0170	2501	2612	2146	2671	9930	2990	2855			
STRIPS	309.2220 & 2270	1047	802	575	818	3242	1094	1343			
SUBTOTAL ABOVE		**64427**	**61315**	**50544**	**50392**	**226678**	**57725**	**55190**			
STAPLE - NYLON	309.4240	3438	2806	3115	4159	13518	4222	3659			
- POLYESTER	309.4242	30316	33213	13408	24318	101255	29077	33697			
- ACRYLIC	309.4245	32262	31589	25346	25188	114385	37885	35386			
- OLEFIN	309.4246	845	1033	961	859	3698	769	614			
- OTHER	309.4247	3446	3409	2050	3069	11974	2552	1969			
GROUPED FILAMENTS											
NYLON	309.3220	691	1136	822	776	3425	1067	462			
POLYESTER[d]	309.3240	9453	6876	5731	6830	28890	10322	5423			
ACRYLIC	309.3250 & 3255	8204	8701	8994	8722	34621	8645	7127			
SUBTOTAL ABOVE		**88655**	**88763**	**60427**	**73921**	**311766**	**94539**	**88337**			
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	1737	2649	3424	4031	11841	3106	4113			
POLYESTER	309.7630	11042	10247	8456	10728	40473	11394	19245			
ACRYLIC	309.7640	276	404	600	745	2025	1166	1349			
OTHER	309.7660	4930	3048	4151	4813	16942	3993	4269			
SUBTOTAL ABOVE		**17985**	**16348**	**16631**	**20317**	**71281**	**19659**	**28976**			
TOTAL MAN-MADE FIBER ABOVE		**185104**	**188725**	**140898**	**155390**	**670117**	**193263**	**192992**			
TEXTILE GLASS FIBER	309.2700 & 9700	10333	8804	9860	10416	39413	11531	15059			
GRAND TOTAL ABOVE		**195437**	**197529**	**150758**	**165806**	**709530**	**204794**	**208051**			

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 9: U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1980	1981	1982	1983	6 MOS. 1984	1980	1981	1982	1983	6 MOS. 1984
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	2585	357	402	239	66	3574	594	655	502	211
OTHER[b]	310.0026	24130	23914	21618	15496	6267	28135	27329	24490	16908	6589
MONOFILAMENTS	309.0110	149	90	15	43	2	343	212	90	135	4
STRIPS	309.2210	66	346	105	40	56	61	273	96	56	48
SUBTOTAL ABOVE		**26930**	**24707**	**22140**	**15818**	**6391**	**32113**	**28408**	**25331**	**17601**	**6852**
STAPLE+TOW - RAYON	309.4222	64817	55156	63371	40118	33062	44031	39032	41063	27427	22807
STAPLE - ACETATE	309.4219	6255	7004	3642	3093	1409	6145	4323	3277	2677	1385
SUBTOTAL ABOVE		**71072**	**62160**	**67013**	**43211**	**34471**	**50176**	**43355**	**44340**	**30104**	**24192**
WASTE, ADVANCED & NOT ADVANCED	309.7400	6090	2799	3193	1363	967	2872	1358	1397	527	556
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	53773	69600	39429	40008	18773	72940	107096	62179	58366	29803
- HIGH TENACITY[c]	310.0027	57804	57400	48396	55606	31305	63637	72569	57259	65096	30455
- OTHER	310.0029	24967	19424	11789	15580	7510	42082	37980	23987	33591	15869
POLYESTER - TEXTURED	310.0013	114910	236152	182935	64040	31151	141835	286022	227816	80399	39432
- HIGH TENACITY[c]	310.0032	23202	23440	13752	12237	4390	27660	31474	17846	15553	5147
- OTHER[d]	310.0034	7493	11759	10179	3713	2614	8793	13226	10221	6518	3703
OTHER - TEXTURED	310.0014	19005	11751	15652	12631	2973	23056	15085	19147	16139	4646
- OLEFIN	310.0040	2520	2603	1124	806	227	2999	3312	1643	1259	335
- OTHER	310.0044	5265	5231	3891	3610	2948	18734	21738	19335	20983	15574
MONOFILAMENTS ALL DENIERS											
NYLON	309.0120	15307	7786	4424	2350	1331	30834	20698	14193	10009	4995
POLYESTER[e]	309.0140	18985	7163	4242	2925	1411	21987	11903	8662	7292	4006
OTHER	309.0170	8665	6560	8185	9930	5845	28813	23244	28295	19101	11564
STRIPS	309.2220 & .2270	3427	4555	2366	3242	2437	5181	6635	4642	5402	4988
SUBTOTAL ABOVE		**355323**	**463424**	**346364**	**226676**	**112915**	**488551**	**650982**	**495225**	**339708**	**170517**
STAPLE - NYLON	309.4240	29306	27556	15374	13518	7881	30141	33825	19751	17857	11686
- POLYESTER	309.4242	447290	522681	189584	101255	62774	285737	361110	134073	68307	42293
- ACRYLIC	309.4245	145172	156661	126617	114385	73271	103264	114359	91350	78572	51487
- OLEFIN	309.4246	3275	1758	7616	3698	1383	2371	1491	3663	2746	1340
- OTHER	309.4247	17751	18033	15410	11974	4521	25654	31381	29336	28331	16051
GROUPED FILAMENTS											
NYLON	309.3220	7282	4561	4966	3425	1529	11747	9625	11281	8766	4441
POLYESTER[d]	309.3240	54880	26777	28133	28890	15745	50247	28444	28075	25808	13337
ACRYLIC	309.3250 & .3255	23281	32655	23322	34621	15772	20408	25940	19341	28101	12209
SUBTOTAL ABOVE		**732473**	**790682**	**411022**	**311766**	**182876**	**529569**	**606175**	**336870**	**258488**	**152844**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	14520	13938	11806	11841	7219	9050	8903	7648	6093	4190
POLYESTER	309.7630	61153	54117	50903	40473	30639	25592	20814	21091	16090	11788
ACRYLIC	309.7640	2352	4795	1713	2025	2515	801	1552	610	773	841
OTHER	309.7660	38395	34415	21654	16942	8262	13965	13433	10206	6583	3060
SUBTOTAL ABOVE		**116420**	**107265**	**86076**	**71281**	**48635**	**49408**	**44702**	**39555**	**29539**	**19879**
TOTAL MAN-MADE FIBER ABOVE		**1308308**	**1451037**	**935808**	**670117**	**386255**	**1152689**	**1374980**	**942718**	**675967**	**374840**
TEXTILE GLASS FIBER	309.2700 & .9700	54407	38934	43714	39413	26590	54269	41642	39861	29553	25775
GRAND TOTAL ABOVE		**1362715**	**1489971**	**979522**	**709530**	**412845**	**1206958**	**1416622**	**982579**	**705520**	**400615**

SOURCE: U.S. Census Bureau Report EM546.

[a] Includes thrown, singles and plied yarn.

[b] Includes an undetermined amount of rayon tire cord and cord fabric.

[c] Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.

[d] Includes zero twist yarns.

[e] These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 10: U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1980	1981	1982	1983	6 MOS. 1984	1980	1981	1982	1983	6 MOS. 1984
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	912	309	561	256	310	1668	505	857	290	426
OTHER	310.0130 & .0230*	7380	10373	6437	7843	4258	12222	15748	10381	12365	6432
MONOFILAMENTS	309.0310 & .0610	0	4	2	24	5	0	32	10	36	19
STRIPS, $1/LB & UNDER	309.2000*	10	33	27	570	83	16	28	15	396	28
SUBTOTAL ABOVE		**8302**	**10719**	**7027**	**8693**	**4656**	**13906**	**16313**	**11263**	**13087**	**6905**
STAPLE	309.4320 & .4325	7998	14626	11939	12752	7582	5653	10348	8383	8434	5084
GROUPED FILAMENTS	309.3010 & .3110	2308	2137	1469	836	726	5023	2211	2342	1312	1159
SUBTOTAL ABOVE		**10306**	**16763**	**13408**	**13588**	**8308**	**10676**	**12559**	**10725**	**9746**	**6243**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	339	519	395	277	232	146	291	170	164	139
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON	310.0109 & .0209	3154	3827	4744	5123	10169	4089	7103	8157	8610	15608
- POLYESTER	310.0110 & .0210	337	768	510	2182	5698	780	939	563	2403	7435
- OTHER	310.0114 & .0214	195	492	4340	7659	4100	373	895	5580	8986	4896
OTHER - NYLON	310.0149 & .0249	3572	3976	5533	14745	14162	5687	6147	7941	17994	18473
- POLYESTER	310.0150 & .0250	6672	5441	5263	13629	9102	9906	7082	7584	17705	11871
- OTHER	310.0170 & .0270[b]	1417	1595	1639	2739	1480	3149	3151	4854	6730	2411
MONOFILAMENTS	309.0200 & .0330[c]	4038	2615	1497	1737	1701	10243	6515	5053	4721	5132
STRIPS, OVER $1/LB	309.2100 & .2500*	229	220	306	553	557	2427	1547	2069	3952	2950
SUBTOTAL ABOVE		**19614**	**18934**	**23832**	**48367**	**46969**	**36654**	**33379**	**41801**	**71101**	**68776**
STAPLE - NYLON	309.4338	1698	23576	11503	27648	15704	2365	25067	10488	23588	15472
- POLYESTER	309.4342	1344	6649	7257	21502	13304	1184	4289	4791	11912	7395
- ACRYLIC	309.4345	13296	10465	7851	13644	7071	11509	10179	6777	12052	6452
- OLEFIN	309.4346	144	1134	627	1195	1287	146	638	638	911	924
- OTHER	309.4355	14574	10666	10853	9078	7473	9779	7798	6744	7010	5035
GROUPED FILAMENTS - NYLON	309.3030 & .3130	1022	2175	7620	19085	11699	1364	2625	11385	27142	17230
- POLYESTER	309.3040 & .3140	129	336	56	2035	3891	137	541	160	2268	3714
- ACRYLIC	309.3050 & .3150	2608	3434	4438	6642	3591	4331	7181	8313	13631	7782
- OTHER	309.3065 & .3165	753	2082	882	663	913	1126	2965	1247	742	1092
SUBTOTAL ABOVE		**35568**	**60517**	**51087**	**101492**	**64933**	**31941**	**61283**	**50543**	**99256**	**65096**
WASTE, NOT ADVANCED											
NYLON	309.6625	11658	25255	22190	26745	13645	2899	8358	8275	11494	6358
POLYESTER	309.6630	5936	18111	11187	13004	3639	1004	3640	1944	2503	572
ACRYLIC	309.6645	2358	2872	932	304	38	726	999	274	76	5
OTHER	309.6660	965	2969	2530	2724	1591	305	844	689	1000	667
NOILS & GARNETTED FIBERS	309.6000 & .7000*	4	85	55	232	219	3	54	34	82	131
OTHER WASTE, ADVANCED	309.7525 - .7555	625	536	851	3080	1329	360	366	471	1219	996
SUBTOTAL ABOVE		**21546**	**49828**	**37745**	**46089**	**20461**	**5297**	**14261**	**11687**	**16374**	**8729**
TOTAL MAN-MADE FIBER ABOVE		**95675**	**157280**	**133494**	**218506**	**145559**	**98620**	**138086**	**126189**	**209728**	**155888**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1106	0	25	2	1	-	0	41	10	4	-
- NONCELLULOSIC	310.1015d & .1109[e]	1378	3385	5315	8110	5750	2141	5774	7806	11709	8963
OTHER - CELLULOSIC	310.1030 & .1135[f]	97	21	146	93	62	334	108	240	351	297
- NONCELLULOSIC	310.1050 & .1070[g]	339	373	979	2054	1397	1347	763	1789	3594	2075
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	508	659	325	1091	796	1225	1522	756	1975	1031
- OTHER	310.4015 & .4027[i]	19387	18599	22056	31487	17518	33114	32603	40264	51623	28434
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	2320	4117	3107	2955	661	8196	12852	9649	10969	8346
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	2260	2797	2277	2654	1914	7793	10681	9170	11898	8890
SLIVER, TOPS & ROVING	309.9000	2708	3622	2626	4755	3046	2034	2801	2977	5193	3000
TEXTILE GLASS FIBER	309.2800 & .2900[j]	7350	18212	219726	20020	13517	6453	12914	10114	13878	10932
GRAND TOTAL ABOVE		**132072**	**209090**	**184427**	**291726**	**190220**	**161257**	**218145**	**208964**	**320922**	**227856**

SOURCE: U.S. Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 11: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984												8 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6					66	178
CANADA	42	12	327	45	366	250	316	308					1666	1044
MEXICO	163	120	55	41	41	0	40	70					530	696
AUSTRIA	0	0	0	0	0	0	0	0					0	1317
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457					3285	1210
NETHERLANDS	28	40	40	57	49	24	65	53					356	334
UNITED KINGDOM	0	0	*	0	0	0	0	22					22	267
JAPAN	74	86	62	23	104	*	35	33					417	249
REP. OF KOREA	60	0	40	0	80	0	0	10					190	40
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375					489	109
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**					**7021**	**5444**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780					5408	3368
AUSTRIA	390	70	219	282	189	94	152	38					1434	1089
FRANCE	16	18	7	2	0	38	0	0					81	78
SWEDEN	164	432	190	92	402	190	1195	0					2665	2475
UNITED KINGDOM	225	81	42	60	136	38	44	61					687	287
JAPAN	116	47	162	134	121	98	135	96					909	1206
TAIWAN	0	0	0	0	0	0	0	37					37	96
ALL OTHER COUNTRIES[b]	0	*	0	*	1	0	42	1					44	56
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**					**11265**	**8655**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1936	1432	984					12811	5466
MEXICO	1317	1796	1574	1486	1101	1125	961	1074					10434	2277
FRANCE	224	222	104	133	125	95	225	303					1431	1124
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851					12083	4121
ITALY	199	569	390	407	642	559	1049	481					4296	1309
NETHERLANDS	54	95	26	17	5	114	76	91					478	201
SPAIN	95	225	2	0	1	*	0	*					323	1003
SWITZERLAND	17	101	71	51	9	12	86	23					370	611
UNITED KINGDOM	531	89	366	204	289	128	1184	293					3084	2035
ISRAEL	111	72	84	43	148	169	348	182					1157	814
JAPAN	1131	1338	1660	1574	1640	813	1869	1246					11271	7137
REP. OF KOREA	42	55	37	24	13	13	3	102					289	481
TAIWAN	122	*	60	36	109	56	72	37					492	196
SOUTH AFRICA	347	563	112	450	695	85	326	63					2641	221
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218					1620	296
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**					**62780**	**27292**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1726	1186	1435	966					9605	4703
COSTA RICA	155	354	237	249	114	82	53	357					1601	251
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210					13168	5796
BELGIUM	32	61	38	41	40	69	121	0					402	188
FRANCE	483	507	834	512	149	121	346	302					3254	5371
GERMANY, FED. REP. OF	1965	1587	2599	2064	2635	2371	5285	2062					20569	11631
ITALY	1182	791	1234	1519	983	749	2264	552					9274	6869
NETHERLANDS	88	140	76	63	1	0	140	18					526	412
SWITZERLAND	22	*	113	58	57	2	22	20					294	146
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606					9580	10253
AUSTRALIA	0	24	0	0	0	0	14	0					38	91
ISRAEL	45	28	0	30	30	0	26	2					161	112
JAPAN	1334	926	1361	1092	1430	574	2013	846					9576	8288
REP. OF KOREA	0	40	62	120	40	0	64	4					330	256
TAIWAN	826	471	1576	1265	941	539	1436	1073					8127	2154
ROMANIA	138	98	299	488	56	0	222	85					1386	172
SOUTH AFRICA	0	213	0	82	0	0	81	48					424	61
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124					1576	477
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11397**	**7750**	**16683**	**8275**					**89891**	**57231**

* Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 343, Italy 34, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil *, Federal Republic of Germany *, Mexico 1 and Netherlands 42.

c. Australia 115, Austria 277, Belgium 64, Brazil 178, Costa Rica 221, Denmark 32, Finland 1, Hong Kong 1, Iceland *, India 1, Iran 7, Ireland 35, Morocco 1, Norway 121, People's Republic of China *, Portugal 1, Romania 435 and Sweden 130.

d. Austria 71, Brazil 817, Denmark 62, Finland 80, Honduras 75, Hong Kong 2, Ireland 23, Poland 13, Portugal 41, Singapore 26, Spain 25, Sweden 86, and Turkey 255.

TABLE 12: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984												8 MONTHS	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	217	802					1329	256
OTHER	310.0130 & .0230[a]	1136	585	880	359	878	420	814	511					5583	4930
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0					5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21					104	234
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**					**7021**	**5444**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	1826	900					10308	8162
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113					957	494
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**					**11265**	**8656**
WASTE, ADVANCED & NOT ADVANCED	309.5500 & .7510	**40**	**60**	**6**	**41**	**38**	**38**	**69**	**8**					**300**	**215**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016	1468	1566	781					12516	2575
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	1064	617					7379	609
- OTHER	310.0114 & .0214	651	604	649	613	837	745	791	798					5689	5290
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	2983	2129					20274	7790
- POLYESTER	310.0150 & .0250	1328	1656	1618	1504	1707	1287	2005	981					12088	7775
- OTHER	310.0170 & .0270[b]	202	274	310	281	247	166	192	261					1933	1780
MONOFILAMENTS	309.0200 & .0330[c]	383	325	282	336	243	132	175	291					2167	988
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	80	101	62	122	87	80					734	370
SUBTOTAL ABOVE		**6551**	**7920**	**8319**	**8236**	**9212**	**6732**	**8863**	**5940**					**63796**	**27392**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450	1698	7722	1527					24953	17548
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523					16961	6948
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947					9444	6871
- OLEFIN	309.4348	325	76	474	173	184	55	218	130					1635	698
- OTHER	309.4711	1109	989	1627	1551	1219	898	1887	1261					10601	5437
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	1831	1602					15132	12721
POLYESTER	309.3040 & .3140	227	593	1025	611	793	641	444	730					5065	470
ACRYLIC	309.3050 & .3150	646	536	978	355	762	312	798	443					4832	3975
OTHER	309.3065 & .3165	115	147	123	195	148	105	243	112					1268	542
SUBTOTAL ABOVE		**11810**	**9707**	**13087**	**11172**	**11397**	**7759**	**16683**	**8275**					**88891**	**57220**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2390	4767	2062	1623	1585	1218	7325	1835					22805	15857
- POLYESTER	309.6630	634	810	621	775	458	341	1318	792					5749	7637
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0					38	229
- OTHER	309.6660	139	213	452	265	308	214	690	265					2546	2305
NOILS & GARNETTED FIBERS	309.6000 & .7000*	56	62	12	0	15	74	23	27					269	129
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300	179	299	218	228	449	509					2287	1565
SUBTOTAL ABOVE		**3361**	**6153**	**3326**	**2962**	**2584**	**2075**	**9805**	**3428**					**33694**	**27722**
TOTAL MAN-MADE ABOVE		**24812**	**25074**	**27238**	**23820**	**25720**	**18185**	**30410**	**19990**					**204973**	**128650**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	*	*	0	0	0	0	0	0					*	1
- NONCELLULOSIC	310.1015[e] & .1109[e]	1105	1204	1068	950	610	791	857	1317					8024	4883
OTHER - CELLULOSIC	310.1030 & .1135[f]	2	12	8	8	14	18	56	5					123	57
- NONCELLULOSIC	310.1050 & .1070[g]	145	84	162	183	517	305	304	171					1872	1583
SPUN YARN - CELLULOSIC	310.4011 & .4030[h]	104	52	130	91	188	227	173	91					1060	687
- OTHER	310.4011 & .4027[i]	2641	3042	3050	2629	3089	3077	4580	311					22429	20143
OTHER YARNS - NES, INCL. CHENILLE	310.8021 - .8000	121	112	118	48	23	241	48	94					801	2481
HANDWORK YARNS & SEWING THREAD	310.8800 - .9140	410	250	442	318	291	203	240	229					2383	1604
SLIVER, TOPS & ROVING	309.9000[j]	589	756	607	639	381	74	352	258					3666	3757
TEXTILE GLASS FIBER	309.2800 & .2900[d]	2128	2900	2613	1725	2452	1499	1857	2058					17432	12851
GRAND TOTAL ABOVE		**31882**	**34386**	**35842**	**30437**	**33283**	**24630**	**47991**	**24532**					**262743**	**175510**

SOURCE: U.S Census Bureau Report IM145X.

NES - Not elsewhere specified.

- * Means a nominal poundage.
- * These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0385, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 13: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984												YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**				**158.4**	**170.4**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7				278.6	225.9
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1				26.1	24.9
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7				599.1	556.4
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2				270.0	285.0
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	24.9				237.0	229.8
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7				18.1	19.2
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0				635.9	758.1
OLEFIN[h]	52.6	56.9	64.1	53.3	61.9	63.8	57.9	60.8	57.2				533.5	538.5
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**288.7**	**288.5**				**2598.3**	**2637.8**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**				**296.7**	**281.4**
NYLON[e]	80.0	65.9	70.8	62.3	74.1	57.3	59.4	73.4	66.1				629.3	685.7
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6				513.0	498.8
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1				1635.4	1640.4
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9				182.3	134.1
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.7**				**2960.0**	**2959.0**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**				**15.3**	**14.1**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6				25.6	24.8
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8				4.8	5.1
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7				62.7	44.2
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	45.9				45.9	39.3
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8				20.8	21.3
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1				5.1	2.7
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5				76.5	79.8
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3				59.3	53.2
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.7**				**300.7**	**270.4**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**				**28.3**	**21.3**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1				76.1	57.9
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1				71.1	65.8
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2				205.2	160.4
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2				21.2	16.7
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**				**373.6**	**300.8**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	12.7					109.3	97.7
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7					7.0	6.9
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.4					116.3	104.6
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	226.1					1840.9	1858.1

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.

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Textile Organon

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MONTHLY REVIEW

Highlights

Third Quarter 1984 Shipments of Noncellulosic Yarn+Monofilaments Decline . . . see page 204.

Third Quarter 1984 Production of Noncellulosic Staple+Tow Declines . . . see page 205.

U.S. Exports of Man-Made Fiber Rise During Third Quarter 1984 . . . see page 203.

***Textile Organon** Feature:*

1984 Listing of Man-Made Fiber Producers . . . begins on page 196.

In October, polyester textile yarn shipments rose for the third consecutive month and shipments of polyester industrial yarn rose to the highest level of the year.

Shipments of nylon textile yarn rose in October, while shipments of nylon carpet yarn remained unchanged from September.

Polyester staple+tow shipments rose in October, as did shipments of nylon staple+tow, but shipments of acrylic+modacrylic staple+tow fell.

Shipments of olefin yarn+monofilaments rose in October, while shipments of olefin+vinyon staple+tow fell.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1984 OCT	1984 SEP	%[a]	1983 OCT	%[b]	YEAR TO DATE 1984	YEAR TO DATE 1983	%[c]
YARN+MONOFILAMENTS								
ACETATE	**14.1**	**14.3**	*-1.4*	**18.0**	*-21.7*	**172.5**	**188.4**	*-8.4*
NYLON[d] - INDUSTRIAL	32.4	30.7	*+5.5*	32.1	*+0.9*	311.0	258.0	*+20.5*
- LOW DENIER INDUSTRIAL	2.8	3.1	*-9.7*	3.2	-12.5	28.9	28.1	*+2.8*
- CARPET	69.7	69.7	--	66.8	*+4.3*	668.8	623.2	*+7.3*
- TEXTILE	28.7	29.2	*-1.7*	32.0	*-10.3*	298.7	317.0	-5.8
POLYESTER - INDUSTRIAL	28.4	25.2	*+12.7*	25.9	*+9.7*	265.7	255.7	+3.9
- LOW DENIER INDUSTRIAL	1.9	1.7	*+11.8*	2.4	*-20.8*	20.0	21.6	*-7.4*
- TEXTILE	78.6	72.0	*+9.2*	83.3	-5.6	714.5	841.4	*-15.1*
OLEFIN	58.0	57.2	*+1.4*	57.2	*+1.4*	591.5	595.7	*-0.7*
TOTAL NONCELLULOSIC ABOVE	**300.5**	**288.8**	*+4.1*	**302.9**	*-0.8*	**2899.1**	**2940.7**	*-1.4*
STAPLE+TOW+FIBERFILL								
RAYON	**30.7**	**28.7**	*+7.0*	**30.9**	*-0.6*	**327.4**	**312.3**	*+4.8*
NYLON[d]	74.4	66.3	*+12.2*	79.5	*-6.4*	703.9	765.2	*-8.0*
ACRYLIC+MODACRYLIC	53.3	55.6	*-4.1*	52.6	*+1.3*	566.3	551.4	*+2.7*
POLYESTER	182.7	179.1	*+2.0*	184.3	*-0.9*	1818.1	1824.7	*-0.4*
OLEFIN+VINYON	21.8	21.9	*-0.5*	18.8	*+16.0*	204.1	152.9	*-33.5*
TOTAL NONCELLULOSIC ABOVE	**332.2**	**322.9**	*+2.9*	**335.2**	*-0.9*	**3292.4**	**3294.2**	*-0.1*

-- means no change.

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

NOVEMBER, 1984

A MONTHLY REVIEW

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DATAGRAM

Third quarter production declines

Third quarter 1984 production of noncellulosic yarn and staple declined significantly from second quarter levels.

- *Yarn.* Production declined 6%.
- *Staple.* Production declined 7%.

But, when compared to third quarter 1983 levels --

- Yarn production is off 7%, and
- Staple production is off 5%.

Inventories are higher

Inventories have been running much higher this year than last for noncellulosic yarn and staple. For example, the third quarter of 1984 --

- Inventories of yarn are up 11% over third quarter 1983 levels, and
- Inventories of staple are up 28% over the same period last year.

Chemtex to build acrylic fiber plant in China

Chemtex, Japan, a subsidiary of Chemtex, Inc., New York, and two Japanese firms have signed an agreement to construct a 50,000 metric ton acrylic fiber plant in China by the fall of 1988. (*DNR*, 11/20/84)

Rhodia S.A. to acquire nylon plant from Celanese

Rhodia S.A., the Brazilian subsidiary of France's Rhone-Poulenc, plans to purchase Celanese do Brasil's nylon 66 fiber plant at Sao Bernardo do Campo, near Sao Paulo, Brazil. The move is a significant expansion for Rhodia in the nylon fibers market. (*European Chemical News*, 11/5/84)

Eastman to add polyester staple capacity

The Eastman Chemical Co. has announced it will increase its polyester staple capacity by 100 million pounds. The new capacity will be installed at its Columbia, S.C., plant, and is scheduled to be in place by late 1986. (*DNR*, 10/31/84)

Zimmer AG to build polyester filament plant in China

Zimmer AG, West Germany, has agreed to build a polyester filament yarn plant at Guangzhou, Canton Province, China. The plant is estimated to produce 3,000 metric tons annually. Zimmer is currently building two polyester POY spinning plants in Beijing and Taiyuan, China, and a third plant was recently completed at Nantong. (*DNR*, 9/28/84)

1984 DIRECTORY OF U.S. MAN-MADE FIBER PRODUCERS

NOTES & DEFINITIONS

This directory of producers is divided into the following categories:

(1) Cellulosic plus Noncellulosic Fibers
(2) Olefin fiber
(3) Textile glass fiber.

The locality shown represents a plant site. Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

● Indicates a company producing olefin fiber as well as other man-made fiber(s). For example, Ametek produces olefin fiber (page 197) as well as nylon polyester and saran.

* Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1985 or later.

Yarn means filament yarn.

Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross section. Monofilaments for bristles are excluded.

Film includes **Slit**: tape produced by slitting an already-attenuated wide sheet of olefin film; and **Split**: fibrillated slit film.

Not included in this survey is the slit film used for decorative or tying ribbon and such.

Rope includes braided and twisted rope as well as filler or core fiber.

Cordage is under 3/16" and includes typing and harvest (baler and binder) twine.

Industrial Goods means bags, bale wrap and protective covers, agricultural cloth, tarps and pool covers, etc.

Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES & TRADEMARKS

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name and are shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber. Textile glass fiber thus ***does not*** include the substantial poundages of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand: Continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.

Roving: Two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself to give the equivalent of two or more strands) and roving for making woven roving.

Mat: Mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (½" to 3" strands deposited in a random manner and resin bonded).

Chopped: Chopped yarn, strand or roving (¼" to 3-¼" length).

Milled: Hammer-milled yarn, strand or roving (1/32" to ¼" length).

Staple Yarn & Silver: A blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

CELLULOSIC (ARTIFICIAL) FIBERS

Acetate: Cellulose acetate. Cigarette filtration tow is excluded.

Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.

Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.

Cupra: Cuprammonium rayon.

The viscose rayon yarns are identified as **ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

NONCELLULOSIC (SYNTHETIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight.

Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.

Azlon: Regenerated natural protein.

Nylon: A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.

Aramid: A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings. In this survey, any aramid data are included with nylon.

Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.

Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalate units, and parasubstituted hydroxybenzoate units.

Saran: At least 80% vinylidene chloride by weight.

Spandex: At least 85% of segmented polyurethane.

Vinyon: At least 85% vinyl chloride by weight.

Other man-made fibers included in this survey, but not listed by the FTC, are Polycarbonate and **TFE-** & **FEP**-fluorocarbon.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex and nytril are no longer produced.

Carbon fibers are not included in this survey.

ALBANY INTERNATIONAL-MONOFILAMENT PLANT

EXECUTIVE OFFICE: 156 S. Main Street, Homer, NY 13077

Fluoro	Homer, NY *Halar, Kynar, Teflon, Tefzel* (monofil)
Nylon 6, 66, & 612	Homer (monofil)
Polyester	Homer (monofil-regular & hydrolysis-resistant)

ALLIED CORPORATION, CHEMICAL SECTOR, FIBERS DIVISION

EXECUTIVE OFFICE: 1411 Broadway, New York, NY 10018
REGIONAL SALES: 400 N. Tustin Ave., Santa Ana, CA 92705
1775 The Exchange, Suite 160, Atlanta, GA 30339
2100 Fiber Park Dr., Dalton, GA 30720
Friendship Center Office Park, Suite 108, Greensboro, NC 27409
64 South Miller Rd., Akron, OH 44313

Nylon 6	Columbia, SC & Hopewell, VA *A.C.E., Anso, Anso-Tex, Caprolan, Nypel* (yarn, monofil & staple)
Polyester	Moncure, NC *A.C.E.* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DIVISION

EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470
REGIONAL SALES: One Penn Plaza, New York, NY 10119
P.O. Box 32787, Charlotte, NC 28232

Acrylic	Milton, FL *Creslan* (staple & tow)

AMERICAN ENKA COMPANY

A PART OF AKZONA, INC.

EXECUTIVE OFFICE: Enka, NC 28728
REGIONAL SALES: Enka, NC 28728
111 W. 40th St., New York, NY 10018
616 Green Valley Rd., Greensboro, NC 27404
2106 Fiber Park Drive, Dalton, GA 30720

Nylon 6	Enka, NC, Central, SC & Lowland, TN *Anti-Cling Crepeset, Crepeset, Enkalon, Enkalure, Enkasheer, Lurelon, Softalon, T.E.N.* (yarn & staple)
Polyester	Lowland, TN *Crepesoft, Encron, Encron 8, Golden Glow, Golden Touch, Matte Touch, Plyloc, Polyextra, Shanton, Silky Touch, Ultra-Touch* (yarn & staple)
Rayon	Lowland, TN *Absorbit, Enkaire, Enkrome, Fiber 700, IT* (staple)

AMERICAN HOECHST CORPORATION

EXECUTIVE OFFICE: 202-206 North, Somerville, NJ 08876

HOECHST FIBERS INDUSTRIES DIVISION

EXECUTIVE OFFICE: 1515 Broadway, New York, NY 10036
REGIONAL SALES: 5601-77 Center Drive, Suite 250, Charlotte, NC 28210
California Mart, 110 E. 9th St., Los Angeles, CA 90079

Polyester	Spartanburg, SC *Trevira* (yarn, monofil, staple, & spunbonded)

AMETEK INC., SPECIAL FILAMENTS DIVISION●

EXECUTIVE OFFICE: Box 339, Odenton, MD 21113

Nylon 6, 66 612 & 11	Odenton, MD (monofil)
Polyester	Odenton (monofil)
Saran	Odenton (Monofil)

AVTEX FIBERS INC.●

EXECUTIVE OFFICE: 3 Lee Rd. (Chesterbrook), P.O. Box 880, Valley Forge, PA 19482
SALES OFFICE: 1185 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 1 Fairview Plaza, 5950 Fairview Rd., Suite 501, Charlotte, NC 28210

Acetate	Meadville, PA (yarn)
Polyester	Lewistown, PA *Avlin* (yarn)
Rayon	Front Royal, VA *Aviloc, Avril, Avril II, Avril III, Avril Prima, Fibers 40* & *43* (ind yarn & staple)
Vinyon	Meadville (staple)

BADISCHE CORPORATION

EXECUTIVE OFFICE: Williamsburg, VA 23187
REGIONAL SALES: 5505 East Carson St., Lakewood, CA 90713
500 Holiday Avenue, The Badische Building, Dalton, GA 30720
111 West 40th St., New York, NY 10018

Acrylic	Williamsburg, VA *Zefran* (staple)
Nylon 6	Anderson, SC *Zeftron* (yarn & staple)

Badische Corp. has carpet yarn spinning plants at Allendale, SC and Sylvania, GA.

BERKLEY & CO. INC.●

EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360

Nylon 6	Spirit Lake, IA (monofil)

CAMAC CORPORATION●

EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203

Nylon 6	Bristol, VA *Camalon* (yarn)

CELANESE FIBERS OPERATIONS

A DIVISION OF CELANESE CORPORATION

(Includes former Fiber Industries plants)

EXECUTIVE OFFICE: P.O. Box 32414, Charlotte, NC 28232
MARKETER: Celanese Fibers Operations, Marketing, 1211 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 110 E. 9th St., Room A 1229, Los Angeles, CA 90015
6650 Powers Ferry Rd. N.W., Atlanta, GA 30339
P.O. Box 32414, Charlotte, NC 28232
2950 W. Market St., Akron, OH 44313

Acetate	Rock Hill, SC *(Celriver)* & Narrows, VA *(Celco)*Celanese (yarn, staple & tow)
Polyester	Fayetteville, Salisbury & Shelby, NC and Darlington & Greenville, SC *Angelette, Ceylon, Comfort Fiber, ESP, Fortrel, Loftguard, PolarGuard, Serene, Superba* (yarn, staple, tow & fiberfill)
PBI	Rock Hill (staple)
Triacetate	Rock Hill *Arnel* (yarn, staple & tow)

CORTLAND LINE COMPANY

EXECUTIVE OFFICE: 67 E. Court St., P.O. Box 1362, Cortland, NY 13045

Nylon 6	Cortland, NY (monofil-captive)

COURTAULDS NORTH AMERICA INC.

EXECUTIVE OFFICE: 104 West 40th St., New York, NY 10018
REGIONAL SALES: P.O. Box 2648, Mobile, AL 36652

Rayon	Le Moyne, Mobile County, AL *Coloray, Courcel* & *Fibro* (staple)
Nylon 6	Le Moyne *Courtaulds, Shareen,* (yarn & monofil)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)●

TEXTILE FIBERS DEPARTMENT●

EXECUTIVE OFFICE: Wilmington, DE 19898
REGIONAL SALES: 5500 Union Pacific Ave., City of Commerce, CA 00022
2 N. La Salle St., Suite 1905, Chicago, IL 60602
350 Fifth Ave., New York, NY 10118
6250 Fairview Rd., Charlotte, NC 28234
2770 W. Market St., Akron, OH 44313
50 North Broadway, Rumford, RI 02916
300 Franklin Bldg., Eastgate Center, Chattanooga, TN 37411

Acrylic	Camden, SC & Waynesboro, VA *Orlon* (staple & tow)
Aramid	Richmond *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Nylon 66	Seaford, DE, Camden, SC, Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA *Antron, Cantrece, Cordura, Du Pont, Hyten* (yarn, monofil, staple & tow)
Polyester	Kinston & Wilmington, NC, Camden & Charleston, SC and Chattanooga & Old Hickory, TN *Dacron, Hollofil* (yarn, staple, tow & fiberfill), *Reemay* (spunbonded), *Sontara* (spunlaced)
Spandex	Waynesboro *Lycra* (fused multifil or coalesced monofil)

POLYMER PRODUCTS DEPARTMENT

EXECUTIVE OFFICE: see listing above

Nylon 6, 66, 612 & Polyester	Parkersburg, WV *Dacron, Dymetrol, Tynex* & *Vylor* (Monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY
EASTMAN CHEMICALS DIVISION

EXECUTIVE OFFICE: Kingsport, TN 37662
MARKETER: EASTMAN CHEMICAL PRODUCTS, INC.
P.O. Box 431, Kingsport, TN 37662
REGIONAL SALES: New York: 1133 Avenue of the Americas, New York, NY 10036
California: California Mart, 110 E. 9th St., Los Angelos, CA 90015
Acetate Kingsport, TN *Chromspun, Estron* (yarn)
Polyester Kingsport, TN & Columbia, SC *Kodel* (yarn & staple)

FIRESTONE FIBERS & TEXTILES COMPANY
DIVISION OF FIRESTONE TIRE & RUBBER COMPANY

EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052
Polyester Hopewell, VA (yarn)

GLOBE MANUFACTURING CO.
EXECUTIVE OFFICE: 456 Bedford St., Fall River, MA 02720
Spandex Fall River, MA & Gastonia, NC *Cleerspan, DC-$_{100}$, DC-$_{700}$, Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY, CHEMICAL DIVISION
EXECUTIVE OFFICE: Akron, OH 44316
Polyester Scottsboro, AL & Point Pleasant, WV (yarn-captive)

GUILFORD MILLS, GAINESVILLE DIVISION
EXECUTIVE OFFICE: 4925 West Market St., Greensboro, NC 27402
PLANT OFFICE: 455 Osborne St., S.E., Gainesville, GA 30501
Nylon 6 Gainesville, GA (yarn & monofil-captive)

HANOVER MILLS, INCORPORATED
Subsidiary of Falk Fibers & Fabrics Inc.

EXECUTIVE OFFICE: 2120 Pinecroft Road, Greensboro, NC 27407
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407
Nylon 6 Yanceyville, NC *Hanover* (yarn & monofil)

JOHNSON FILAMENTS, INC.
Subsidiary of JWI Ltd.

EXECUTIVE OFFICE: Industrial Ave., Williston, VT 95495
Nylon 6/66 Williston, VT (monofil)
Polyester Williston (monofil)

KAYSER-ROTH CORPORATION, YARN PROCESSING DIVISION
EXECUTIVE OFFICE: 2303 W. Meadowview Rd., Greensboro, NC 27407
Nylon 66 Creedmoor, NC (yarn-captive)

MONOFILAMENTS, INC.
EXECUTIVE OFFICE: 1401 Hopeman Pkwy., Waynesboro, VA 22980
Nylon 6/66 Waynesboro, VA (monofil)
Polycarbonate Waynesboro (monofil)
Polyester Waynesboro (monofil)

*The company also produces fusible nylon (monofil) at its Waynesboro facility

MONSANTO COMPANY
EXECUTIVE OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167

MONSANTO FIBERS & INTERMEDIATES COMPANY
REGIONAL SALES: 110 E. 9th St., Los Angeles, CA 90015
401 Dove St., Newport Beach, CA 92663
320 Interstate North Pkwy., Atlanta, GA 30339
Merchandise Mart, 222 North Bank Dr., Chicago, IL 60654
1460 Broadway, 11th Fl., New York, NY 10036
6230 Fairview Rd., Charlotte, NC 28210
260 Springside Dr., P.O. Box 5444, Akron, OH 44313
Acrylic Decatur, AL *Acrilan, Bi-Loft, Fi-Lana, Fondelle, Pa-Qel, Remember, So-Lara* (staple & tow)
Modacrylic Decatur *SEF* (staple & tow)
Nylon 66 Pensacola, FL & Greenwood, SC *Ultron* (yarn, monofil & staple), *Cerex* (spunbonded)

MONSANTO COMPANY (continued)
MONSANTO PLASTICS AND POLYMERS COMPANY
SALES OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167
Nylon 66 Pensacola *AstroTurf* (recreational & landscaping surfaces)

NORTH AMERICAN RAYON CORPORATION
EXECUTIVE OFFICE: 1011 Schaub Drive, Raleigh, NC 27606
REGIONAL SALES: 500 Fifth Ave., New York, NY 10110
Rayon Elizabethton, TN (ind & reg yarn and tow)

OMEGA YARNS, INC.
Subsidiary of Tietex Corp.

EXECUTIVE OFFICE: Blackstock Rd., P.O. Box 6218, Spartanburg, SC 29304
SALES OFFICE: 183 Madison Ave., New York, NY 10017
Polyester Asheboro, NC (yarn)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION
SALES OFFICE: 1801 Main St., P.O. Box 246, Columbia, SC 29202
Nylon 6/66 Columbia, SC *Sooflex, Superflex, S-$_3$ Wonderthread* (monofil)
Polyester Columbia *Shakespeare Wonderthread* (monofil)

STAR FIBERS, INC.
EXECUTIVE OFFICE: 136 Fuller Rd., Albany, NY 12205
REGIONAL SALES: Edgefield, SC 29824
Nylon 6 Edgefield, SC *Starbrite* (staple)

TOLARAM FIBERS, INC.
EXECUTIVE OFFICE: P.O. Box 436, 525 Pineview Road, Ansonville, NC 27302
Polyester Ansonville, NC (yarn)

UNIVERSAL POLYMER PRODUCTS CORPORATION
Subsidiary of Falk Fibers & Fabrics Inc.

EXECUTIVE OFFICE: see **Hanover Mills.**
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407
Polyester Fuquay-Varina, NC (yarn & monofil)

WELLMAN, INC., MAN-MADE FIBER DIVISION
EXECUTIVE OFFICE: 75 Federal St., Boston, MA 02110
REGIONAL SALES: 1200 East Morehead St., Charlotte, NC 28204
Nylon 6 Johnsonville, SC *Wellon* (staple & monofil)
Nylon 66 Johnsonville *Wellon, Wellstrand* (staple, tow, tops & monofil)
Polyester Johnsonville *Fillwell, Wellene, Wellstrand* (staple, tow & monofil)

YKK ZIPPER CO.
Polyester Macon, GA (yarn)

OLEFIN FIBER

ACS INDUSTRIES, INC.
EXECUTIVE OFFICE: 71 Villanova St., Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn & staple)

ALADDIN CARPETS, INC.
PLANT: DALTON, GA (P yarn)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT
EXECUTIVE OFFICE: see listing on page 197
PLANT: Homer, NY (P monofil)

AMERICAN MANUFACTURING COMPANY
EXECUTIVE OFFICE: 206 Willow Ave., Honesdale, PA 18431
REGIONAL SALES: 22310 S. Bonita Street, Carson, CA 90801
5854 Hollis St., Emeryville, CA 94608
2214 W. 21st Street, P.O. Box 52134, Jacksonville, FL 32201
6002 North 51st St., Tampa, FL 33610
500 Country Club Dr., Bensenville, IL 60106
1523 St. Ferdinand St., New Orleans, LA 70117
139 California St., Newton, MA 02158
1715 South 11th St., St. Louis, MO 63104
6827 E. Thornapple Dr., Gates Mills, OH 44040
2609 Leeland St., Houston, TX 77003
5050 First Avenue South, Seattle, WA 98134

AMERICAN MANUFACTURING COMPANY (continued)

HONESDALE ROPE DIVISION
PLANT: Honesdale, PA (E & P monofil & film)

LAFAYETTE ROPE DIVISION
PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope* (E & P monofil)

AMERICAN POLYCRAFT
PLANT: Dalton, GA (P filas)

AMETEK INC., SPECIAL FILAMENTS DIVISION
EXECUTIVE OFFICE: see listing on page 197
PLANT: Odenton, MD (E & P monofil)

AMOCO FABRICS COMPANY
EXECUTIVE OFFICE: 550 Interstate North Pkwy., Atlanta, GA 30339
REGIONAL SALES: 15066 Shoemaker Ave., Santa Fe Springs, CA 90670
P.O. Box 911, Dalton, GA 30720
P.O. Box 3667, 604 Sheridan Avenue, Dalton, GA 30720
700 West 1st Street, Lowell, NC 28098
PLANTS: Andalusia & Roanoke, AL, Bainbridge, Hazlehurst & Nashville, GA, Lowell, NC and Afton, VA (P yarn, monofil, film & staple).

The company produces *PolyBac and Polybac FLW* primary carpet backing; *Action Bac* secondary carpet backing; *Amo Pave, Amo Weve and Propex* industrial goods; and *Marquesa* Lana, Patlon, Patlon Plus and Synera yarn at these locations.

ARLIN MFG. CO., INC.
EXECUTIVE OFFICE: 239 Industrial Ave., Lowell, MA 01853
PLANT: Lowell, MA (P film)

ARMSTRONG WORLD INDUSTRIES, INC.
EXECUTIVE OFFICE: Lancaster, PA 17604
PLANT: Charlotte, NC (P film-captive)
The company weaves carpet backing here.

AVTEX FIBERS, INC.
EXECUTIVE OFFICE: see listing page 197
PLANT: Front Royal, VA (staple).

BEAULIEAU OF AMERICA
PLANT: Dalton, GA (P yarn)

BEMIS COMPANY, INC.
EXECUTIVE OFFICE: 800 Northstar Center, Minneapolis, MN 55402
REGIONAL SALES: 2400 S. Second St., St. Louis, MO 63104
90 Park Ave., New York, NY 10016
PLANT: St. Louis, MO (P film)

BERKLEY & CO. INC.
EXECUTIVE OFFICE: see listing on page 197
PLANT: Spirit Lake, IA (E & P monofil-captive)

BLUE MOUNTAIN EXTRUSIONS
EXECUTIVE OFFICE: P.O. Box 100, Anniston, AL 36202
PLANT: Anniston, AL *Gold Medal, Poly Autotwine, Poly Macramé*, polylasting, TY-EZ Polytape, Tylon, Tytite (E & P film cordage and industrial yarn & tape)

BRIDON CORDAGE INC.
EXECUTIVE OFFICE: 909 16th St., Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

BURLINGTON, INC,
PLANT: Greensboro, NC (P yarn)

CAMAC CORPORATION
EXECUTIVE OFFICE: see listing on page 164
PLANT: Bristol, VA (P yarn)

CAVALIER CARPET CO
PLANT: Dalton, GA (P yarn)

CHASE BAG COMPANY
EXECUTIVE OFFICE: 2 Greenwich Plaza, Greenwich, CT 06830
PLANTS: Orange, CA & New Orleans, LA (P film industrial goods)

COLOR TREND, INC
PLANT: Dalton, GA

THE COLUMBIAN GROUP
DIVISION OF THE COLUMBIAN ROPE COMPANY
EXECUTIVE OFFICE: 1 Columbian Drive, Auburn, NY 13021
REGIONAL SALES: 90 Charter Oak Ave., San Francisco, CA 94124
600 St. George Ave., Jefferson, LA 70181
1003 Medina St., Houston, TX 77012
PLANTS: Jefferson, LA & Auburn, NY *Manipro, Poly K, Poly Twine*, Polypro 6, Radiant Twine (E & P monofil & film)

CONCORDE FIBERS, INC.
EXECUTIVE OFFICE: P.O. Box 200, Highway 45, Jamestown, SC 29453
PLANT: Jamestown, SC (P yarn)

CROWE ROPE COMPANY
EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil rope)

CROWN ZELLERBACH CORPORATION,
NONWOVEN FABRICS DIVISION
EXECUTIVE OFFICE: 1 Bush St., San Francisco, CA 94119
SALES HEADQUARTERS: 3720 Grant St., Washougal, WA 98671
PLANT: Washougal, WA *Celestra, Fibretex* (P spunbonded)

CUMBERLAND, INC.
PLANT: Dalton, GA (P yarn)

CUTLASS CARPET
PLANT: Dalton, GA (P yarn)

DIAMOND MILLS, INC.
PLANT: Dalton, GA (P yarn & film)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
TEXTILE FIBERS DEPARTMENT
EXECUTIVE OFFICE: see listing on page 197
PLANTS: Old Hickory, TN & Richmond, VA *Typar* (P spunbonded), *Tyvek* (E spunbonded)

ELIZABETH WEBBING MILLS CO., INC.
EXECUTIVE OFFICE: 521 Roosevelt Ave., Central Falls, RI 02862
PLANT: Central Falls, RI (P film)

ENSIGN-BICKFORD INDUSTRIES, INC.
FILM FIBERS DIVISION
EXECUTIVE OFFICE: 660 Hopmeadow St., Simsbury, CT 06070
PLANT: Simsbury, CT (P film)

EXXON CHEMICAL AMERICAS,
INDUSTRIAL TEXTILES DIVISION
DIVISION HEADQUARTERS: Hwy. 78 West, Summerville, SC 29483
MARKETING OFFICE: 380 Interstate North, Suite 375, Atlanta, GA 30339
PLANTS: Kingman, KS (P monofil & film cordage)
Summerville, SC (P monofil & film fabrics)
The company also weaves *Baxon* & *Fuzzbak* carpet backing and packaging fabrics at Summerville, SC.

FIBERS & FABRICS OF GEORGIA, INC.
Subsidiary of Georgia Synthetics, Inc.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (E & P yarn, monofil & multifil)

The company also weaves carpet backing here.

FIBERS SOUTH, INC.
EXECUTIVE OFFICES: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL *Polystar, Trustite and Tyrite* (P film fiber, monofil, & tapes)

FNT INDUSTRIES, INC.
EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FIBRON CORPORATION OF TENNESSEE
Subsidiary of Harbour Group Ltd.
EXECUTIVE OFFICE: Clayton, MO
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

FILAMENT FIBER TECHNOLOGY INCORPORATED
EXECUTIVE OFFICE: 999 Airport Road, Lakewood, NJ 08701
PLANT: Lakewood, NJ (P yarn)

GENERAL FIBERS & FABRICS, INC.
EXECUTIVE OFFICE: Orchard Hill Rd., LaGrange Industrial Park, LaGrange, GA 30240
PLANT: LaGrange, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here

GEORGIA SYNTHETICS, INC.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (E & P yarn, monofil & multifil)

Also see listing for **Fibers & Fabrics of Georgia, Inc.**

GLADDING CORP., CORDAGE DIVISION
EXECUTIVE OFFICE: Gladding St., South Otselic, NY 13155
PLANT: South Otselic, NY (P monofil)

HERCULES INCORPORATED,
HERCULES ENGINEERED & FABRICATED PRODUCTS COMPANY, FIBERS
EXECUTIVE OFFICE: Hercules Plaza, Wilmington, DE 19894
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Rd., Suite 301, Norcross, GA 30071
REGIONAL SALES: 280 Railroad Ave. Greenwich, CT 06830
PLANT: Oxford, GA *Herculon* (P yarn & staple)

THE HOOVEN & ALLISON COMPANY
EXECUTIVE OFFICE: 677 Cincinnati Ave., Xenia, OH 45385
PLANT: Xenia, OH (P film cordage)

INTEGRATED PRODUCTS, INC.
PLANT: Rome, GA (P staple)

J & J INDUSTRIES
PLANT: Dalton, GA (P yarn)

KELLER INDUSTRIES, INC.
EXECUTIVE OFFICE: 18000 State Rd. #9, North Miami, FL 33162
PLANT: Swainsboro, GA (P monofil - captive)
The company weaves outdoor furniture webs here.

KIMBERLY-CLARK CORPORATION
EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANTS: Corinth, MS, Balfour, NC & Neenah, WI *Accord, Duraguard, Evolution* (P spunbonded), *Cyclean* (P spunbonded /meltblown laminate), *Evolution II, Safeguard CPF* (P spunbonded meltblown & P meltblown)

LAMBETH CORPORATION
EXECUTIVE OFFICE: 627 Tarkiln Hill Rd., New Bedford, MA 02745
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE HOSE COMPANY
A Consolidated Foods Company
SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil-captive)

LORETEX
DIVISION OF OIVIND LORENTZEN, INC.
EXECUTIVE OFFICE: 522 Fifth Ave., New York, NY 10036
REGIONAL SALES: Northeastern Industrial Park, Guilderland Center, NY 12505
PLANT: Guilderland Center, NY (E film-captive)

MIRAFI INC.
Subsidiary of Dominion Textiles
EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Moultrie, GA (P film-captive)

NSI, INC.
ADMINISTRATIVE OFFICE: Box 658, Soperton, GA 30457
PLANT: Soperton, GA (P film-captive)
The company weaves carpet backing here.

THE OSTERNECK COMPANY
EXECUTIVE OFFICE: P.O. Box 859, Lumberton, NC 28359
PLANT: Lumberton, NC (P film)
The company weaves carpet backing and industrial goods here.

PHILLIPS FIBERS CORPORATION
Subsidiary of Phillips Petroleum Company
EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602
PLANTS: Rocky Mount, NC, Seneca, SC and Spartanburg, SC *Marvess* (P yarn, staple & tow)
The company also manufactures *Duon, Petromat, Rufon* and *Supac* nonwoven fabrics at Seneca, SC.

POLYLOOM CORP OF AMERICA
EXECUTIVE OFFICE: 1615 N. Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

SARLON INDUSTRIES, INC.
EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, FL (P monofil & film)

SHUFORD MILLS, INC.
EXECUTIVE OFFICE: Highland Ave. & 15th St., N.E., Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage and twine)

SOLUTION FIBERS INC.
PLANT: Dalton, GA (P yarn)

SOUTHERN WEAVING, INC.
PLANT: Greenville, SC (P yarn)

SUNSHINE CORDAGE CORPORATION
EXECUTIVE OFFICE: 7250 N.W. 41st St., Miami, FL 33166
PLANT: Miami, FL *Cala-Line, Oletex, Poncar, Sunshine, Sunylon, Sunypool* (E & P monofil)

SYNTHETIC INDUSTRIES
EXECUTIVE OFFICE: 309 Lafayette Rd., Chickamauga, GA 30707
PLANTS: Chickamauga, GA & Houston, TX (P film-captive)
The company weaves slit film carpet backing and industrial fabrics.

TECHNOTRADE
PLANT: Dalton, GA (P yarn)

TUBBS CORDAGE COMPANY
EXECUTIVE OFFICE: 660 Bryant St., P.O. Box 7986, San Francisco, CA 94120
REGIONAL SALES: P.O. Box 709, Orange, CA 92666
2045 No. 15th Ave., Melrose Park, IL 60160
5501 Jefferson Highway, Harahan, Jefferson Parish, LA 70123
1355 West Front St., Plainfield, NJ 07063
1311 Palmer St., Houston, TX 77003
415 South Fidalgo St., Seattle, WA 98108
PLANT: Orange, CA *Loktite* (P monofil & film)
The company's Yarn Division operates carpet yarn spinning facilities at Dos Palos and Porterville, CA.

TWINE PRODUCTS CORPORATION
EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY
EXECUTIVE OFFICE: 711 Hamilton Ave., Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.
EXECUTIVE OFFICE: P.O. Box G, Beverly, NJ 08010
PLANT: Elkin, NC (E & P monofil rope & cordage)

WALTRICH PLASTIC CORPORATION
EXECUTIVE OFFICE: P.O. Box 19, Route 522, Tennent, NJ 07763
PLANT: Tennent, NJ (P monofil)

WAYN-TEX INC.
EXECUTIVE SALES OFFICE: Box 648, Dalton, GA 30720
PLANT: Waynesboro, VA
The company weaves *Wayntuf* primary carpet backing. (captive)

WELLINGTON PURITAN MILLS (MONTAIR DIV.)
EXECUTIVE OFFICE: Nelson St., Pilot Mountain, NC 27041
PLANT: Pilot Mountain, NC *Pur-Ty, Welltite* (E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC.
EXECUTIVE OFFICE: 52 Courtland St., Paterson, NJ 07503
PLANTS: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

The following companies are also producing a variety of textile products from olefin: **Cirtex** (P film); Conwed Corp. Conwed Plastic Netting (P embossed film for netting); **E.I. du Pont de Nemours & Company (Inc.)** (E & P embossed film for netting); **Hercules Incorporated, Polymers Division** *Delnet* (E embossed film for netting); **Nalle Inc.** (P embossed film for netting); **Riegel Products Corporation** *Polyweb* (P meltblown); **Stevens Linen** (P staple) and **The 3M Company** (P spunbonded).

TEXTILE GLASS FIBER

CERTAINTEED CORPORATION
FIBER GLASS REINFORCEMENTS DIVISION
EXECUTIVE OFFICE: P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: P.O. Box 736, Bessemer, AL 35023
1801 E. Parkcourt Pl., Bldg. D., Suite 104, Santa Ana, CA 92701
1300 S. Harbor City Blvd., Suite 11, Melbourne, FL 32901
854 Fairway Drive, Bensenville, IL 60106
533-A Muv Len Rd., Olathe, KS 66061
1276D Washington St., Weymouth, MA 02189
1450 Souter St., Troy, MI 48083-2986
5555 Airport Hwy., Toledo, OH 43615
1400 Union Meeting Road, Blue Bell, PA 19422
West Oak Square Offices, 4009 Anderson Mill Rd., Spartanburg, SC 29301
4811 Lebanon Road, Hermitage, TN 37076
1401 Pioneer Parkway West, Arlington, TX 76013
9317 N.E. Highway 99, Unit D, Vancouver, WA 98665
PLANT: Wichita Falls, TX (roving, woven roving, mat, chopped strand & combination product)

F.G.I. FIBERS, INC.
EXECUTIVE OFFICE: Homestead Place, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped)

LUNDY TECHNICAL CENTER
EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving & strand and nonwoven metallized glass mat)

MANVILLE CORPORATION, FILTRATION & MINERALS DIVISION
EXECUTIVE OFFICE: P.O. Box 5108, Ken-Caryl Ranch, Denver, CO 80217
REGIONAL SALES: 7500 Dutch Rd., Waterville, OH 43566
PLANTS: Waterville, OH & Etowah, TN *Chop-Pak* (mat, chopped strand and staple yarn & sliver)

NICOFIBERS INC.
EXECUTIVE OFFICE: Ironpoint Rd., Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Consurmat, Surmat* (mat)

OWENS-CORNING FIBERGLAS CORPORATION
EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 10816 Executive Center Drive, Suite 207, Little Rock, AR 72211
5933 Telegraph Road, Los Angeles, CA 90040
477 Forbes Blvd., S. San Francisco, CA 94080
2700 Augustine Dr., Suite 178, Santa Clara, CA 95054
4019 Woodcock Dr., Suite 109, Jacksonville, FL 32207
541 S. Rt. 441, Suite 3, Margate, FL 33068
4950 W. Kennedy Blvd., Suite 301, Tampa, FL 33609
6650 Powers Ferry Rd., Suite 200, Atlanta, GA 30339
2805-B Lincoln Ave., Evansville, IN 47714
2215 Sanders Rd., Northbrook, IL 60062
4410 Executive Blvd., Ft. Wayne, IN 46808
9000 Keystone Crossing, Suite 965, Indianapolis, IN 46240
Corporate Woods, 9300 W. 110th St., Bldg. 55-Suite 200, Overland Park, KS 66210
10401 Linn Station Rd., Suite 235, Louisville, KY 40223
25 Braintree Hill Park, Suite 305, Braintree, MA 02184
2075 W. Big Beaver Rd., Suite 500, Troy, MI 48084
One Appletree Square, Suite 1252, Bloomington, MN 55420
Bldg. 5601, 77 Center Dr., Suite 240, Charlotte, NC 28210
700 White Plains Rd., Scarsdale, NY 10583
5700 Pearl Rd., Suite 104, Cleveland, OH 44129
900 West Valley Rd., Suite 1101, Wayne, PA 19087
Brookside Office Park, #1 Harbison Way, Suite 208, Columbia SC 29210
Two Maryland Farms, Suite 236, Brentwood, TN 37027
6200 Baum Dr., Knoxville, TN 37919
12880 Hillcrest, Suite 100, Dallas, TX 75230
256 North Belt East, Suite 100, Houston, TX 77060
9601 McAllister, San Antonio, TX 78216
12301 N.E. 10th Place, Bellevue, WA 98005
Mayfair Bank Tower, Suite 150, 2300 N. Mayfair Rd., Milwaukee, WI 53226
PLANTS: Huntington, PA, Aiken & Anderson, SC, Jackson, TN & Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass* (yarn, roving, woven roving, mat, chopped, & milled)

PPG INDUSTRIES, INC.
FIBER GLASS PRODUCTS
EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 1800 E. McFadden Ave., Suite 250, Santa Ana, CA 92705
880 Johnson Ferry Rd., N.E., Suite 220, Atlanta, GA 30342
4015 Executive Park Dr., Suite 100, Cincinnati, OH 45241
AUTOMOTIVE SALES OFFICE: 2155 West Big Beaver Rd., P.O. Box 3510, Troy, MI 48084
TEXTILE PRODUCTS: 30 Tower Lane, Avon Park South, Avon, CT 06001
1601 East Garrison Blvd., Suite 210, Gastonia, NC 28054
322 Park Ave., Scotch Plains, NJ 07076
PLANTS: Lexington & Shelby, NC *Azdel* (yarn, roving, mat, chopped strand, woven roving & rubber reinforcements)

REICHHOLD CHEMICALS, INC.
EXECUTIVE OFFICE: 525 N. Broadway, White Plains, NY 10603
REGIONAL SALES: 107 S. Motor Ave., Azusa, CA 91702
814 Commerce Dr., Oak Brook, IL 60521
P.O. Box 7212, Louisville, KY 40207
P.O. Box A, Andover, MA 01810
601-707 Woodward Heights Blvd., Detroit, MI 48220
P.O. Box 11051, Charlotte, NC 29209
8955 Katy Freeway, Suite 102, Houston, TX 77018
2340 Taylor Way, Tacoma, WA 98401

GLASS FIBERS DIVISION
PLANTS: 6230 Irwindale Ave., Box 2148, Irwindale, CA 91706 *Chemglas* (roving, chopped & milled); Fiber Glass Road, Nashville, TN 37210 (roving, woven roving, mat, chopped & milled)

TABLE 2: LOCATION OF U.S. MAN-MADE FIBER PRODUCT-PRODUCING PLANTS

STATES & AREA	CELLULOSIC	NONCELLULOSIC						TEXTILE GLASS	GRAND TOTAL
		ACRYLIC	NYLON	OLEFIN	POLYESTER	OTHER	TOTAL		
NEW ENGLAND									
CONNECTICUT				1			1		1
MAINE				1			1		1
MASSACHUSETTS				2		1	3		3
RHODE ISLAND				2			2		2
VERMONT			1		1		2		2
TOTAL NEW ENGLAND			**1**	**6**	**1**	**1**	**9**		**9**
MID-ATLANTIC									
DELAWARE			1				1		1
MARYLAND			1	1	1	1	4		4
NEW JERSEY				2			2		2
NEW YORK			2	4	1	1	8	1	9
PENNSYLVANIA	1			1	1	1	3	1	5
TOTAL MID-ATLANTIC	**1**		**4**	**8**	**3**	**3**	**18**	**2**	**21**
PIEDMONT									
N. CAROLINA			3	10	9	1	23	2	25
S. CAROLINA	1	1	8	7	8	1	25	2	28
VIRGINIA	2	2	6	5	2	2	17		19
WEST VIRGINIA			1		2		3		3
TOTAL PIEDMONT	**3**	**3**	**18**	**22**	**21**	**4**	**68**	**4**	**75**
SOUTH									
ALABAMA	1	1	1	4	1		7		8
FLORIDA		1	1	2			4	1	5
GEORGIA			1	23	1		25		25
LOUISIANA				4			4		4
MISSISSIPPI				1			1		1
TENNESSEE	3		2	3	4		9	3	15
TEXAS				1			1	2	3
TOTAL SOUTH	**4**	**2**	**5**	**38**	**6**		**51**	**6**	**61**
MID-WEST & WEST									
CALIFORNIA				3			3	1	4
IOWA			1	1			2		2
KANSAS				1			1		1
MICHIGAN				1			1		1
MINNESOTA				1			1		1
MISSOURI				1			1		1
OHIO				1			1	2	3
WASHINGTON				1			1		1
WISCONSIN				1			1		1
TOTAL MIDWEST & WEST			**1**	**11**			**12**	**3**	**15**
TOTAL NUMBER OF PLANTS	**8**	**5**	**29**	**85**	**31**	**8**	**158**	**15**	**181**
TOTAL NUMBER OF STATES	**5**	**4**	**13**	**27**	**11**	**7**	**30**	**9**	**30**

Cellulosic includes rayon, acetate & triacetate; Acryl means acrylic & modacrylic; Nylon includes aramid.
Other noncellulosic includes 1 fluorocarbon, 1 fluoropolymer, 1 polycarbonate, 1 saran, 3 spandex and 1 vinyon.

★ 1984 BOUND VOLUME ★

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TABLE 3: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1983					1984				
		1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	74	103	16	46	239	25	41	57		
OTHER[b]	310.0026	5019	3332	3803	3342	15496	4302	1965	1432		
MONOFILAMENTS	309.0110	11	4	5	23	43	0	2	10		
STRIPS	309.2210	0	12	5	23	40	56	0	3		
SUBTOTAL ABOVE		**5104**	**3451**	**3829**	**3434**	**15818**	**4383**	**2008**	**1502**		
STAPLE+TOW - RAYON	309.4222	7979	17999	8811	5329	40118	15469	17593	10684		
STAPLE - ACETATE	309.4219	593	688	417	1395	3093	629	780	377		
SUBTOTAL ABOVE		**8572**	**18687**	**9228**	**6724**	**43211**	**16098**	**18373**	**11061**		
WASTE, ADVANCED & NOT ADVANCED	309.7400	**381**	**161**	**230**	**602**	**1383**	**839**	**108**	**349**		
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	10913	10917	9730	8448	40008	10514	8259	5863		
- HIGH TENACITY[c]	310.0027	14240	14383	12544	14439	55606	15939	15366	16445		
- OTHER	310.0029	3587	38[illegible]	3932	4236	15580	4063	3447	2676		
POLYESTER - TEXTURED	310.0010	22202	18265	12050	11523	64040	14324	16827	25648		
- HIGH TENACITY[c]	310.0032	3369	3541	3191	2136	12237	2775	1615	2244		
- OTHER[d]	310.0034	1123	885	728	977	3713	1479	1135	1072		
OTHER - TEXTURED	310.0014	3147	3370	3445	2669	12631	1588	1385	2498		
- OLEFIN	310.0040	246	161	168	231	806	94	133	44		
- OTHER	310.0044	715	1407	725	763	3610	1444	1504	1164		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	797	378	439	736	2350	630	701	556		
POLYESTER[e]	309.0140	540	769	871	745	2925	791	620	973		
OTHER	309.0170	2501	2612	2146	2671	9930	2980	2855	1656		
STRIPS	309.2220 & .2270	1047	802	575	818	3242	1094	1343	1095		
SUBTOTAL ABOVE		**64427**	**61315**	**50544**	**50392**	**226678**	**57725**	**55190**	**64032**		
STAPLE - NYLON	309.4240	3438	2806	3115	4159	13518	4222	3619	4241		
- POLYESTER	309.4242	30316	33213	13408	24318	101255	29077	33691	46554		
- ACRYLIC	309.4245	32262	31589	25346	25188	114385	37885	35386	47004		
- OLEFIN	309.4246	845	1033	961	859	3698	769	614	1521		
- OTHER	309.4247	3446	3409	2050	3069	11974	2552	1969	2242		
GROUPED FILAMENTS											
NYLON	309.3220	691	1136	822	776	3425	1067	462	801		
POLYESTER[e]	309.3240	9453	6876	5731	6830	28890	10322	5423	2753		
ACRYLIC	309.3250 & .3255	8204	8701	8994	8722	34621	8645	7127	10738		
SUBTOTAL ABOVE		**88655**	**88763**	**60427**	**73921**	**311766**	**94539**	**88337**	**115854**		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	1737	2649	3424	4031	11841	3106	4113	2099		
POLYESTER	309.7630	11042	10247	8456	10728	40473	11394	18245	15272		
ACRYLIC	309.7640	276	404	600	745	2025	1166	1349	572		
OTHER	309.7660	4930	3048	4151	4813	16942	3993	4269	3498		
SUBTOTAL ABOVE		**17985**	**16348**	**16631**	**20317**	**71281**	**19659**	**28976**	**21441**		
TOTAL MAN-MADE FIBER ABOVE		**185104**	**188725**	**140898**	**155390**	**670117**	**193263**	**192992**	**214239**		
TEXTILE GLASS FIBER	309.2700 & .9700	10333	8804	9860	10416	39413	11531	15059	14188		
GRAND TOTAL ABOVE		**195437**	**197529**	**150758**	**165806**	**709530**	**204794**	**208051**	**228427**		

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 4: QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1982					1983					1984				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						YARN+MONOFILAMENTS[a]									
ACETATE															
PRODUCTION	52.9	53.0	46.1	43.2	195.2	50.3	62.2	61.3	53.8	227.6	55.2	56.0	50.0		
SHIPMENTS - DOMESTIC	44.9	47.1	39.5	37.5	169.0	44.1	53.9	51.0	48.6	197.6	48.7	51.9	43.4		
- EXPORT	8.8	6.2	8.5	6.3	29.8	7.1	5.9	8.4	6.8	28.2	5.8	4.2	4.4		
TOTAL SHIPMENTS	53.7	53.3	48.0	43.8	198.8	51.2	59.8	59.4	55.4	225.8	54.5	56.1	47.8		
ENDING STOCK	12.5	13.2	11.3	10.7		9.8	12.2	14.1	12.5		13.2	13.1	15.3		
NYLON[b]															
PRODUCTION	299.9	309.0	312.1	320.6	1241.6	311.5	375.6	392.3	412.8	1492.2	400.9	407.9	383.3		
SHIPMENTS - DOMESTIC	281.6	296.5	292.7	294.8	1165.6	295.0	359.1	358.4	379.9	1392.4	365.1	370.7	348.9		
- EXPORT	26.8	23.8	26.0	25.5	102.1	25.4	27.0	27.3	25.5	105.2	29.9	30.1	29.1		
TOTAL SHIPMENTS	308.4	320.3	318.7	320.3	1267.7	320.4	386.1	385.7	405.4	1497.6	395.0	400.8	378.0		
ENDING STOCK	143.8	132.5	125.9	126.2		117.3	106.8	113.4	120.8		126.7	133.8	139.1		
OLEFIN[c]															
PRODUCTION	154.3	146.9	142.6	141.4	585.2	166.8	186.9	183.4	179.0	716.1	178.0	184.5	173.0		
SHIPMENTS - DOMESTIC	146.8	145.0	144.5	140.7	577.0	160.6	184.2	182.1	171.7	698.6	169.3	180.2	172.0		
- EXPORT	4.7	3.3	3.1	4.2	15.3	3.9	4.2	3.5	4.0	15.6	4.3	3.8	3.9		
TOTAL SHIPMENTS	151.5	148.3	147.6	144.9	592.3	164.5	188.4	185.6	175.7	714.2	173.6	184.0	175.9		
ENDING STOCK	64.5	63.1	58.1	54.6		56.9	55.4	53.2	56.5		60.9	61.4	58.5		
POLYESTER															
PRODUCTION	331.5	310.1	288.5	283.5	1213.6	322.8	361.5	327.6	347.6	1359.5	318.8	297.5	279.8		
SHIPMENTS - DOMESTIC	297.2	292.5	267.0	278.1	1134.8	306.3	342.6	307.2	338.3	1294.4	291.9	286.1	278.8		
- EXPORT	34.9	35.8	19.2	12.9	102.8	19.6	17.5	13.9	15.5	66.5	14.1	12.4	8.0		
TOTAL SHIPMENTS	332.1	328.3	286.2	291.0	1237.6	325.9	360.1	321.1	353.8	1360.9	306.0	298.5	286.8		
ENDING STOCK	122.4	112.2	106.5	99.0		95.9	97.3	103.8	97.6		110.4	109.4	102.4		
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	785.7	774.0	735.2	745.5	3040.4	801.1	924.0	903.3	939.4	3567.8	897.7	889.9	836.1		
SHIPMENTS - DOMESTIC	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0	799.7		
- EXPORT	66.4	62.9	48.3	42.6	220.2	48.9	48.7	44.7	45.0	187.3	48.3	46.3	41.0		
TOTAL SHIPMENTS	792.0	796.9	752.5	756.2	3097.6	810.8	934.6	892.4	934.9	3572.7	874.6	883.3	840.7		
ENDING STOCK	330.7	307.8	290.5	279.8		270.1	259.5	270.4	274.9		298.0	304.6	300.0		
DOMESTIC SHIPMENTS	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0	799.7		
IMPORTS - TEXTURED YARN[d]	2.0	3.1	3.7	6.1	14.9	4.7	5.3	5.7	7.3	23.0	12.4	13.3	12.0		
- OTHER YARN[d]	2.8	2.6	4.1	3.9	13.4	6.6	7.5	7.7	11.4	33.2	12.9	13.2	13.9		
- MONOFILAMENTS	0.4	0.4	0.4	0.3	1.5	0.4	0.4	0.4	0.5	1.7	1.0	0.7	0.8		
TOTAL IMPORTS	5.2	6.1	8.2	10.3	29.8	11.7	13.2	13.8	19.2	57.9	26.3	27.2	26.7		
TOTAL AVAILABLE	730.8	740.1	712.4	723.9	2907.2	773.6	899.1	861.5	909.1	3443.3	852.6	864.2	826.4		
						TEXTILE GLASS FIBER									
PRODUCTION	207.6	209.8	241.0	240.8	899.2	245.1	273.1	313.2	335.8	1167.2	333.3	337.0			
SHIPMENTS - DOMESTIC	190.5	214.8	227.8	228.4	861.5	246.6	294.4	301.9	303.2	1146.1	305.1	340.8			
- EXPORT	11.5	10.3	11.2	9.9	42.9	8.4	8.7	9.7	10.6	37.4	11.7	14.8			
TOTAL SHIPMENTS	202.0	225.1	239.0	238.3	904.4	255.0	303.1	311.6	313.8	1183.5	316.8	355.6			
ENDING STOCK	151.8	136.5	138.5	141.0		131.1	101.1	102.7	124.7		141.2	122.6			
IMPORTS	3.8	3.2	3.7	3.4	14.1	4.8	5.3	4.2	5.7	20.0	7.8	5.7			
TOTAL AVAILABLE	194.3	218.0	231.5	231.8	875.6	251.4	299.7	306.1	308.9	1166.1	312.9	346.5			

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA means not available at press time.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

[a] Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 36 & 37 of the March/April 1984 issue for further details on these yarns.

[b] Includes Aramid in 1982.

[c] Also include film fiber as well as spunbonded polypropylene.

[d] Include singles and plied.

[e] Acetate staple+tow data are available annually only; see pages 36 & 37 of the March/April 1984 issue for further details.

[f] These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345 & .4346.

TABLE 5: QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1982					1983					1984				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
							STAPLE+TOW°								
RAYON															
PRODUCTION	**96.2**	**86.7**	**87.8**	**84.3**	**355.0**	**92.6**	**92.1**	**92.1**	**98.0**	**374.8**	**104.0**	**103.7**	**94.0**		
SHIPMENTS - DOMESTIC	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5	81.6		
- EXPORT	13.4	16.8	15.3	21.0	66.5	6.9	11.7	15.1	10.2	43.9	11.3	20.3	10.3		
TOTAL SHIPMENTS	**91.0**	**86.6**	**87.4**	**95.2**	**360.2**	**87.0**	**94.7**	**99.7**	**96.0**	**377.4**	**102 0**	**102.8**	**91.9**		
ENDING STOCK	**36.3**	**36.4**	**36.8**	**25.9**		**31.5**	**28.9**	**21.3**	**23.3**		**25.3**	**26.2**	**28.3**		
DOMESTIC SHIPMENTS	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5	81.6		
IMPORTS FOR CONSUMPTION															
STAPLE	3.5	2.4	3.7	2.3	11.9	2.1	3.9	3.3	3.5	12.8	4.4	3.2	3.9		
GROUPED FILAMENTS	0.3	0.4	0.4	0.4	1.5	0.2	0.2	0.2	0.3	0.9	0.4	0.3	0.5		
TOTAL IMPORTS	3.8	2.8	4.1	2.7	13.4	2.3	4.1	3.5	3.8	13.7	4.8	3.5	4.4		
TOTAL AVAILABLE	**81.4**	**72.6**	**76.2**	**76.9**	**307.1**	**82.4**	**87.1**	**88.1**	**89.6**	**347.2**	**95.5**	**86.0**	**86.0**		
NYLON°															
PRODUCTION	**140.5**	**169.3**	**191.1**	**184.1**	**685.0**	**196.4**	**234.9**	**252.4**	**242.7**	**926.4**	**220.9**	**216.6**	**193.0**		
SHIPMENTS - DOMESTIC	141.9	170.8	185.8	174.8	673.3	196.0	243.5	236.2	221.4	897.1	211.1	210.6	194.5		
- EXPORT	4.1	4.2	3.1	5.2	16.6	3.3	3.7	3.0	4.1	14.1	5.6	3.1	4.6		
TOTAL SHIPMENTS	**146.0**	**175.0**	**188.9**	**180.0**	**689.9**	**199.3**	**247.2**	**239.2**	**225.5**	**911.2**	**216.7**	**213.7**	**199.1**		
ENDING STOCK	**59.3**	**53.6**	**55.8**	**59.9**		**57.0**	**44.7**	**57.9**	**75.1**		**79.3**	**82.2**	**76.1**		
IMPORTS	1.0	0.7	5.0	4.8	11.5	5.6	7.6	6.1	8.4	27.7	7.9	7.8	12.1		
TOTAL AVAILABLE	**142.9**	**171.5**	**190.8**	**179.6**	**684.8**	**201.6**	**251.1**	**242.3**	**229.8**	**924.8**	**219.0**	**218.4**	**206.6**		
ACRYLIC+MODACRYLIC															
PRODUCTION	**149.6**	**171.1**	**158.5**	**144.9**	**624.1**	**160.4**	**178.4**	**168.8**	**162.9**	**670.5**	**171.7**	**174.9**	**164.7**		
SHIPMENTS - DOMESTIC	108.1	127.9	113.6	108.3	457.9	120.1	129.3	127.9	114.9	492.2	120.6	124.2	107.7		
- EXPORT	46.4	41.5	42.7	43.7	174.3	41.3	44.9	35.3	41.0	162.5	48.5	51.3	60.7		
TOTAL SHIPMENTS	**154.5**	**169.4**	**156.3**	**152.0**	**632.2**	**161.4**	**174.2**	**163.2**	**155.9**	**654.7**	**169.1**	**175.5**	**168.4**		
ENDING STOCK	**60.2**	**61.9**	**64.1**	**57.0**		**56.0**	**60.2**	**65.8**	**72.8**		**75.4**	**74.8**	**71.1**		
IMPORTS	2.0	1.3	1.7	2.9	7.9	2.3	3.9	4.0	3.4	13.6	3.3	3.8	3.9		
TOTAL AVAILABLE	**110.1**	**129.2**	**115.3**	**111.2**	**465.8**	**122.4**	**133.2**	**131.9**	**118.3**	**505.8**	**123.9**	**128.0**	**111.6**		
OLEFIN+VINYON															
PRODUCTION	**35.8**	**30.8**	**37.6**	**34.0**	**138.2**	**37.9**	**42.9**	**49.9**	**58.9**	**189.6**	**57.3**	**61.8**	**64.4**		
SHIPMENTS - DOMESTIC	29.3	39.9	36.4	33.3	138.9	39.7	44.1	45.1	54.5	183.4	53.7	61.0	62.7		
- EXPORT	0.6	0.6	1.6	2.1	4.9	0.7	1.9	2.6	1.1	6.3	3.8	0.6	0.5		
TOTAL SHIPMENTS	**29.9**	**40.5**	**38.0**	**35.4**	**143.8**	**40.4**	**46.0**	**47.7**	**55.6**	**189.7**	**57.5**	**61.6**	**63.2**		
ENDING STOCK	**31.6**	**21.9**	**21.5**	**20.1**		**17.6**	**14.5**	**16.7**	**20.0**		**19.8**	**20.0**	**21.2**		
POLYESTER															
PRODUCTION	**538.7**	**459.6**	**447.4**	**509.5**	**1955.2**	**492.0**	**559.3**	**561.7**	**571.1**	**2184.1**	**561.6**	**573.5**	**531.4**		
SHIPMENTS - DOMESTIC	437.3	445.3	428.9	456.0	1767.5	487.6	540.4	538.1	533.1	2099.2	514.2	527.7	483.4		
- EXPORT	86.4	28.3	25.8	33.6	174.1	30.1	22.4	21.8	24.3	98.6	32.8	34.6	42.7		
TOTAL SHIPMENTS	**523.7**	**473.6**	**454.7**	**489.6**	**1941.6**	**517.7**	**562.8**	**559.9**	**557.4**	**2197.8**	**547.0**	**562.3**	**526.1**		
ENDING STOCK	**189.2**	**175.2**	**167.9**	**187.8**		**162.1**	**158.6**	**160.4**	**174.1**		**188.7**	**199.9**	**205.2**		
IMPORTS	1.9	1.7	1.8	1.9	7.3	2.8	2.1	4.1	12.5	21.5	7.8	5.5	5.2		
TOTAL AVAILABLE	**439.2**	**447.0**	**430.7**	**457.9**	**1774.8**	**490.4**	**542.5**	**542.2**	**545.6**	**2120.7**	**522.0**	**533.2**	**488.6**		
TOTAL NONCELLULOSIC															
PRODUCTION	**864.6**	**830.8**	**834.6**	**872.5**	**3402.5**	**886.7**	**1015.5**	**1032.8**	**1035.6**	**3970.6**	**1011.5**	**1026.8**	**953.5**		
SHIPMENTS - DOMESTIC	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5	848.3		
- EXPORT	137.5	74.6	73.2	84.6	369.9	75.4	72.9	62.7	70.5	281.5	90.7	89.6	108.5		
TOTAL SHIPMENTS	**854.1**	**858.5**	**837.9**	**857.0**	**3407.5**	**918.8**	**1030.2**	**1010.0**	**994.4**	**3953.4**	**990.3**	**1013.1**	**956.8**		
ENDING STOCK	**340.3**	**312.6**	**309.3**	**324.8**		**292.7**	**278.0**	**300.8**	**342.0**		**363.2**	**376.9**	**373.6**		
DOMESTIC SHIPMENTS	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5	848.3		
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE°	4.9	3.7	8.5	9.6	26.7	10.7	13.6	14.2	24.3	62.8	19.0	17.1	21.2		
OTHER N.C. STAPLE	1.8	3.8	4.0	1.9	11.5	2.7	2.5	1.5	3.6	10.3	4.6	4.2	5.3		
GROUPED FILAMENTS	2.9	3.1	2.9	4.1	13.0	5.4	8.1	6.1	8.9	28.5	11.0	9.5	9.6		
TOTAL IMPORTS	9.6	10.6	15.4	15.6	51.2	18.8	24.2	21.8	36.8	101.6	34.6	30.8	36.1		
TOTAL AVAILABLE	**726.2**	**794.5**	**780.1**	**788.0**	**3088.8**	**862.2**	**981.5**	**969.1**	**960.7**	**3773.5**	**934.2**	**954.3**	**884.4**		

See footnotes on opposite page.

TABLE 6: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

	1984												9 MONTHS	
ITEM & COUNTRY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6	0				66	207
CANADA	42	12	327	45	366	250	316	308	246				1912	1268
MEXICO	163	120	55	41	41	0	40	70	41				571	856
AUSTRIA	0	0	0	0	0	0	0	0	0				0	1317
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457	313				3598	1640
NETHERLANDS	28	40	40	57	49	24	65	53	99				455	411
UNITED KINGDOM	0	0	+	0	0	0	0	22	35				57	326
JAPAN	74	86	62	23	104	+	35	33	83				500	364
REP. OF KOREA	60	0	40	0	80	0	0	10	+				190	80
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375	15				504	115
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**				**7853**	**6584**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780	842				6250	3863
AUSTRIA	390	70	219	282	189	94	152	38	196				1630	1299
FRANCE	16	18	7	2	0	38	0	0	1				82	78
SWEDEN	164	432	190	92	402	190	1195	0	46				2711	2684
UNITED KINGDOM	225	81	42	60	136	38	44	61	89				776	345
JAPAN	116	47	162	134	121	98	135	96	213				1122	1354
TAIWAN	0	0	0	0	0	0	0	37	0				37	96
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	42	1	1				45	96
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**				**12653**	**9815**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1936	1432	984	1341				14152	6132
MEXICO	1317	1796	1574	1486	1101	1125	961	1074	1200				11634	3266
FRANCE	224	222	104	133	125	95	225	303	307				1738	1284
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851	1303				13386	4747
ITALY	199	569	390	407	642	559	1049	481	203				4499	1779
NETHERLANDS	54	95	26	17	5	114	76	91	85				563	218
SPAIN	95	225	2	0	1	+	0	+	0				323	1137
SWITZERLAND	17	101	71	51	9	12	86	23	42				412	626
UNITED KINGDOM	531	89	366	204	289	128	1184	293	440				3524	2119
ISRAEL	111	72	84	43	148	169	348	182	106				1263	900
JAPAN	1131	1338	1660	1574	1640	813	1869	1246	965				12236	7675
REP. OF KOREA	42	55	37	24	13	13	3	102	3				292	552
TAIWAN	122	+	60	36	109	56	72	37	35				527	215
SOUTH AFRICA	347	563	112	450	695	85	326	63	132				2773	576
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218	253				1873	355
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**				**69195**	**31581**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1727	1186	1435	966	534				10140	5386
COSTA RICA	155	354	237	249	114	82	53	357	473				2074	556
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210	1431				14599	7222
BELGIUM	32	61	38	41	40	69	121	0	19				421	264
FRANCE	483	507	834	512	149	121	346	302	231				3485	5671
GERMANY, FED. REP. OF	1965	1587	2599	2064	2636	2371	5285	2062	3138				23707	12493
ITALY	1182	791	1234	1519	983	749	2264	552	1009				10283	7279
NETHERLANDS	88	140	76	63	1	0	140	18	48				574	555
SWITZERLAND	22	+	113	58	57	2	22	20	59				353	168
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606	1289				10869	11396
AUSTRALIA	0	24	0	0	0	0	14	0	22				60	91
ISRAEL	45	28	0	30	30	0	26	2	0				161	112
JAPAN	1334	926	1361	1092	1430	574	2013	846	1843				11419	9848
REP. OF KOREA	0	40	62	120	40	0	64	4	22				352	296
TAIWAN	826	471	1576	1265	941	539	1436	1073	1338				9465	2339
ROMANIA	138	98	299	488	56	0	222	85	136				1522	451
SOUTH AFRICA	0	213	0	82	0	0	81	48	27				451	89
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124	22				1598	477
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**				**101533**	**64693**

+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 357, Italy 35, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil +, Federal Republic of Germany +, Mexico 1, Netherlands, 42 and Thailand 1.

c. Australia 130, Austria 277, Belgium 64, Brazil 184, Costa Rica 294, Denmark 32, Finland 1, Hong Kong 7, Iceland +, India 1, Iran 7, Ireland 53, Morocco 1, Norway 121, People's Republic of China +, Portugal 1, Romania 551, Singapore 6, and Sweden 143.

d. Austria 71, Brazil 817, Denmark 62, Finland 80, Honduras 75, Hong Kong 2, Ireland 45, Poland 13, Portugal 41, Singapore 26, Spain 25, Sweden 86, and Turkey 255.

TABLE 7: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984												9 MONTHS	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	217	802	100				1429	256
OTHER	310.0130 & .0230*	1136	585	880	359	878	420	814	511	677				6260	6005
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0	+				5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21	55				159	299
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**				**7853**	**6584**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	1826	900	1175				11483	9252
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113	213				1170	564
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**				**12653**	**9816**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**69**	**6**	**41**	**38**	**38**	**90**	**0**	**36**				**358**	**215**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016	1468	1566	781	872				13388	3063
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	1064	617	947				8326	893
- OTHER	310.0114 & .0214	651	604	649	613	837	746	791	798	848				6537	6004
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	3983	2129	2041				22315	9121
- POLYESTER	310.0150 & .0250	1328	1658	1618	1504	1707	1287	2005	981	1200				13288	8982
- OTHER	310.0170 & .0270[b]	202	274	310	281	247	166	192	261	112				2045	1873
MONOFILAMENTS	309.0200 & .0330[c]	383	325	282	336	243	132	175	291	321				2488	1228
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	90	101	62	122	87	90	74				808	417
SUBTOTAL ABOVE		**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**				**69195**	**31581**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450	1698	7722	1527	2825				27778	19256
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523	1583				18544	8953
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947	1530				10974	10210
- OLEFIN	309.4346	325	76	474	173	184	55	218	130	38				1673	793
- OTHER	309.4355	1109	969	1627	1551	1219	998	1867	1261	1874				12475	5927
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	1831	1602	2529				17661	13832
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	444	730	640				5705	787
ACRYLIC	309.3050 & .3150	646	538	978	355	763	312	798	443	509				5342	4359
OTHER	309.3065 & .3165	115	147	123	195	148	185	243	112	113				1381	576
SUBTOTAL ABOVE		**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**				**101533**	**64693**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2390	4767	2062	1623	1585	1218	7325	1835	2668				25473	18541
- POLYESTER	309.6630	634	810	621	775	459	341	1318	792	478				6228	9008
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0	0				38	269
- OTHER	309.6660	139	213	452	265	308	214	690	265	667				3213	2461
NOILS & GARNETTED FIBERS	309.6000 & .7000*	57	62	12	0	15	74	23	27	32				302	160
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300	179	299	218	228	449	509	313				2600	1565
SUBTOTAL ABOVE		**3362**	**6153**	**3326**	**2962**	**2585**	**2075**	**9805**	**3428**	**4158**				**37854**	**32004**
TOTAL MAN-MADE ABOVE		**24613**	**25974**	**27238**	**23820**	**25722**	**18195**	**39416**	**19998**	**24470**				**229446**	**144893**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	+	0	0	0	0	0	0	0				+	1
- NONCELLULOSIC	310.1015[d] & .1109[e]	1108	1204	1068	968	610	791	957	1317	1443				9466	5774
OTHER - CELLULOSIC	310.1030 & .1135[f]	2	12	8	8	14	18	56	5	19				142	65
- NONCELLULOSIC	310.1050 & .1070[g]	146	84	162	183	517	305	304	171	255				2127	1797
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	104	52	136	91	186	227	173	91	208				1268	760
- OTHER	310.4015 & .4027[i]	2641	3042	3050	2639	3069	3077	4580	3111	4279				29488	22706
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	1107	844	890	268	626	241	1022	340	789				6127	3632
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	459	657	401	477	203	501	421	647				4176	2266
SLIVER, TOPS & ROVING	309.9000	589	755	607	639	381	74	362	258	369				4034	3946
TEXTILE GLASS FIBER	309.2800 & .2900[j]	2128	2900	2813	1725	2452	1499	1857	2058	1275				18707	14329
GRAND TOTAL ABOVE		**32848**	**35326**	**36629**	**30742**	**34054**	**24630**	**49228**	**27770**	**33754**				**304981**	**200169**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 8: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1984	1983
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**			**172.5**	**188.4**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4			311.0	258.0
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8			28.9	28.1
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7			668.8	623.2
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2	28.7			298.7	317.0
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4			265.7	255.7
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9			20.0	21.6
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6			714.5	841.4
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	60.8	57.2	58.0			591.5	595.7
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**288.7**	**288.8**	**300.5**			**2899.1**	**2940.7**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**			**327.4**	**312.3**
NYLON[e]	80.0	65.9	70.8	82.2	74.1	57.3	59.4	73.4	66.3	74.4			703.9	765.2
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3			566.3	551.4
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7			1818.1	1824.7
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	21.8			204.1	152.9
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**332.2**			**3292.4**	**3294.2**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**			**14.7**	**15.3**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0			28.0	23.1
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9			4.9	4.8
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7			62.7	49.0
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3			45.3	39.3
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5			20.5	20.4
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4			4.4	2.6
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9			75.9	85.6
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4			59.4	56.3
TOTAL NONCELLULOSIC ABOVE	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**			**301.1**	**281.1**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**			**30.2**	**23.4**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3			71.3	60.3
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8			72.8	65.0
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5			204.5	176.4
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3			20.3	16.8
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**			**368.9**	**318.5**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	12.7					109.3	97.7
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7					7.0	6.9
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.4					116.3	104.6
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.9			2282.5	2347.1

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 37 of the March/April issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.

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MONTHLY REVIEW

Highlights

Third Quarter 1984 Shipments of Noncellulosic Yarn+Monofilaments for Apparel Uses Decline . . . see page 220.

Third Quarter 1984 Shipments of Noncellulosic Staple+Tow for Apparel Uses Decline . . . see page 221.

Third Quarter 1984 Shipments of Noncellulosic Yarn+Monofilaments for Home Furnishing Uses Rise . . . see page 220.

Textile Organon Features:

World Natural Fiber Survey . . . begins on page 212.

November 1984 Capacity Survey Analysis . . . begins on page 217.

A record was set in November as more pounds of olefin yarn+monofilaments were shipped than in any other month in history.

November shipments of nylon textile yarn rose to the highest level since May, and shipments of nylon industrial yarn rose to the highest level since April, though shipments of nylon carpet yarn fell in November.

Shipments of polyester textile yarn fell in November, while shipments of polyester industrial yarn fell to the second lowest level of the year.

Polyester staple+tow shipments rose, although staple+tow shipments of nylon, acrylic+modacrylic and olefin+vinyon fell in November.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1984			1983		YEAR TO DATE		
	NOV	OCT	%[a]	NOV	%[b]	1984	1983	%[c]
YARN+MONOFILAMENTS								
ACETATE	**13.6**	**14.1**	*-3.5*	**19.5**	*-30.3*	**186.1**	**207.9**	*-10.5*
NYLON[d] - INDUSTRIAL	33.1	32.4	*+2.2*	32.7	*+1.2*	344.1	290.7	*+18.4*
- LOW DENIER INDUSTRIAL	2.9	2.8	*+3.6*	3.2	-9.4	31.8	31.3	*+1.6*
- CARPET	63.5	69.7	*-8.9*	69.5	-8.6	732.3	692.7	*+5.7*
- TEXTILE	30.2	28.7	*+5.2*	33.5	-9.9	328.9	350.5	*-6.2*
POLYESTER - INDUSTRIAL	25.0	28.4	*-12.0*	27.1	-7.7	290.7	282.8	*+2.8*
- LOW DENIER INDUSTRIAL	1.5	1.9	*-21.1*	2.3	-34.8	21.5	23.9	*-10.0*
- TEXTILE	76.3	78.6	*-2.9*	92.9	-17.9	790.8	934.3	*-15.4*
OLEFIN	73.3	65.0	*+12.8*	53.0	*+38.3*	669.7	648.7	*+3.2*
TOTAL NONCELLULOSIC ABOVE	**305.8**	**307.5**	*-0.6*	**314.2**	*-2.7*	**3209.8**	**3254.9**	*-1.4*
STAPLE+TOW+FIBERFILL								
RAYON	**30.9**	**30.7**	*+0.7*	**32.8**	*-5.8*	**358.3**	**345.1**	*+3.8*
NYLON[d]	65.7	74.4	*-11.7*	77.2	*-14.9*	769.6	842.4	*-8.6*
ACRYLIC+MODACRYLIC	49.4	53.3	*-7.3*	52.7	*-6.3*	615.7	604.1	*+1.9*
POLYESTER	191.6	182.7	*+4.9*	186.1	*+3.0*	2009.7	2010.8	*-0.1*
OLEFIN+VINYON	21.5	22.2	-3.2	17.2	+25.0	226.0	170.1	+32.9
TOTAL NONCELLULOSIC ABOVE	**328.2**	**332.6**	*-1.3*	**333.2**	*-1.5*	**3621.0**	**3627.4**	*-0.2*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

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A MONTHLY REVIEW

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DATAGRAM

U. S. production of cotton falls

U. S. production of raw cotton fell dramatically during the 1983 season (beginning August 1, 1983). The U. S. produced 7,771 million bales during the season, down 35% from the 1982 seasonal level of 11,963 million bales.

U. S. man-made fiber utilization rates drop

The 1984 scenario: Slackening demand coupled with an oversupply of textiles and products have contributed to a falling capacity utilization rate for the U. S. man-made fiber industry.

Based on 11-month production data and November 1984 Capacity Survey results, the industry capacity utilization rate for 1984 stood at 78.6%, as compared to 80.5% in 1983.

Inventories on the rise

Inventories of noncellulosic yarn and staple have been running much higher in 1984 than in 1983. For example, as of November 1984 --

- Inventories of yarn are up 18½% over November 1983 levels, and
- Inventories of staple are up over 15% when compared to the same period of 1983.

Celanese to close polyester filament plant

Celanese Fibers Operations has announced it will phase-out its Greenville, S.C., textile polyester filament plant over the next three years. However, a portion of the Greenville plant's production will be shifted to Celanese's Shelby, N.C., plant. (DNR, 12/6/84)

Allied Fibers to increase polyester industrial yarn capacity

Allied Fibers has announced its intention to increase capacity at its Moncure, N.C., polyester industrial yarn plant by 20 percent over the next two years. (DNR, 12/7/84)

Soviet Union to build new polyester fiber plant

The Soviet Union has announced plans to build a new polyester fiber plant at Ufa in Western Siberia. The Soviet Union has invited Imperial Chemical Industries and Davy McKee to bid on construction of the plant. (DNR, 12/6/84)

Courtaulds receives approval to purchase Cyanenka

Courtaulds, Ltd. has received official approval from the Spanish government to purchase Cyanenka, the acrylic fiber producer. The acquisition puts Courtaulds in a greatly improved position in the European acrylic fiber market. (ECN, 11/26/84)

World Natural Fiber Survey

For the season beginning August 1, 1983, world production of raw cotton fell to 65,571 million bales, a 3% decline from the 67,516 million bales produced during the 1982 season.

However, in the face of a worldwide decline in raw cotton production, the People's Republic of China increased output to a record 21,310 million bales in 1983, a 29% increase over the seasonal 1982 level of 16,535 million bales. This record was nearly 132% higher than the seasonal 1970 level of 9,200 million bales.

The United States recorded a decline in production during the 1983 season of 35% to a recent-history low of 7,771 million bales.

In 1983, world production of raw wool (greasy basis) rose marginally to 6,435 million pounds, up 0.7% from the seasonal 1982 level of 6,391 million pounds.

Australia recorded an increase of 3½% for the 1983 season to 1,605 million pounds, while production for New Zealand fell 2% to 802 million pounds.

Production for Eastern Europe and the People's Republic of China decreased to 1,812 million pounds, ½% below the seasonal 1982 level of 1,819 million pounds.

Production of raw wool in the United States fell in seasonal 1983 to 101 million pounds, 6½% below the 108 million pounds produced during the 1982 season.

TABLE 2: WORLD PRODUCTION, CONSUMPTION, EXPORT & CARRYOVER OF RAW COTTON

MILLION BALES[a] & *Percent*

SEASON BEGINNING AUGUST 1	PRODUCTION[b]						CONSUMPTION[c]						EXPORT[d]						CARRYOVER[e]					
	TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN	
	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954[f]	38.4	100	14.0	36	24.4	64	37.2	100	9.3	25	27.9	75	12.4	100	4.0	32	8.4	68	18.1	100	7.6	42	10.5	58
1955-1959[f]	43.7	100	12.9	30	30.8	70	44.2	100	8.7	20	35.5	80	14.7	100	5.1	35	9.6	65	22.4	100	12.0	54	10.4	46
1960-1964[f]	49.2	100	14.9	30	34.3	70	47.2	100	8.7	18	38.5	82	16.6	100	4.9	30	11.7	70	23.5	100	12.3	52	11.2	48
1965-1969[f]	52.7	100	10.6	20	42.1	80	54.0	100	8.8	16	45.2	84	17.4	100	3.6	21	13.8	79	27.0	100	11.3	42	15.7	58
1970-1974[f]	63.2	100	11.9	19	51.3	81	59.2	100	7.5	13	51.7	87	18.9	100	4.5	24	14.4	76	23.0	100	4.3	19	18.7	81
1975-1979[f]	60.4	100	11.9	20	48.5	80	62.5	100	6.7	11	55.8	89	19.5	100	5.8	30	13.7	70	25.0	100	4.3	17	20.7	83
1970	54.4	100	10.3	19	44.1	81	56.2	100	8.1	14	48.1	86	17.8	100	3.9	22	13.9	78	21.8	100	5.8	27	16.0	73
1971	59.8	100	10.3	17	49.5	83	58.5	100	8.0	14	50.5	86	18.9	100	3.4	18	15.5	82	20.9	100	4.3	21	16.6	79
1972	63.2	100	13.9	22	49.3	78	60.4	100	7.8	13	52.6	87	21.2	100	5.3	25	15.9	75	21.9	100	3.3	15	18.6	85
1973	63.7	100	13.3	21	50.4	79	62.2	100	7.5	12	54.7	88	19.4	100	6.1	31	13.3	69	24.5	100	4.1	17	20.4	83
1974	64.7	100	11.5	18	53.2	82	58.5	100	5.9	10	52.6	90	17.2	100	3.9	23	13.3	77	25.8	100	3.9	15	21.9	85
1975	54.4	100	8.5	16	45.9	84	61.3	100	7.3	12	54.0	88	18.7	100	3.3	18	15.4	82	31.7	100	5.6	18	26.1	82
1976	57.6	100	10.7	19	46.9	81	60.8	100	6.7	11	54.1	89	17.5	100	4.8	27	12.7	73	24.7	100	3.7	15	21.0	85
1977	64.3	100	14.5	23	49.8	77	60.9	100	6.5	11	54.4	89	18.7	100	5.5	29	13.2	71	21.4	100	3.0	14	18.4	86
1978	59.5	100	10.9	18	48.6	82	63.0	100	6.4	10	56.6	90	19.6	100	6.2	32	13.4	68	26.2	100	5.3	20	20.9	80
1979	64.9	100	14.6	23	50.3	77	65.2	100	6.5	10	58.7	90	23.4	100	9.3	40	14.1	60	23.5	100	4.1	18	19.4	82
1980	64.5	100	11.1	17	53.4	83	66.0	100	5.9	9	60.1	91	19.8	100	5.9	30	13.9	70	23.1	100	3.0	13	20.1	87
1981	70.5	100	15.6	22	54.9	78	65.3	100	5.3	8	60.0	92	20.7	100	6.6	32	14.1	68	21.4	100	2.7	13	18.7	87
1982	67.5	100	12.0	18	55.5	82	67.9	100	5.5	8	62.4	92	18.9	100	5.2	28	13.7	72	26.1	100	7.9	30	18.2	70
1983[g]	67.6	100	7.8	12	59.8	88	68.9	100	5.9	9	63.0	91	18.7	100	6.8	36	11.9	64	24.7	100	2.8	11	21.9	89
1984[g]	76.0	100	12.8	17	63.2	83	70.4	100	5.7	8	64.7	92	19.0	100	5.7	30	13.3	70	30.3	100	4.4	15	25.9	85

SOURCE: International Cotton Advisory Committee.
For earlier years' data, see the October 1960 and 1969 ORGANON issues, pages 167 & 176.

[a] Bales of 478 pounds, except running bales for the United States through 1971.

[b] Means actual ginnings or pressings during the August-July season. In some countries, unpressed cotton and estimates of production for household consumption and for delivery to mills are included. U.S. production also includes the city crop, etc. Note that U.S. production shown in the table on page 181 includes only the ginnings within the crop year shown.

[c] Includes raw cotton consumed in spinning mills and other factories plus estimates of household consumption.

[d] Means the export of domestically produced cotton.

[e] Includes mill stocks, port stocks and stocks in transit, etc. U.S.A. means the carryover of U.S. cotton in the world regardless of where located; FOREIGN means the carryover of foreign cotton in the world regardless of location.

[f] Five-year averages.

[g] The 1983 & 1984 data are preliminary or estimated.

TABLE 3: WORLD RAW COTTON PRODUCTION BY PRODUCING COUNTRIES[a]

THOUSAND BALES & *Percent*

SEASON Beginning AUGUST 1ST	WORLD TOTAL		NORTH & SOUTH AMERICA												PRC & E. EUROPE					
			BRAZIL		MEXICO		U.S.A.		OTHER N.A.[b]		OTHER S.A.[c]		TOTAL		CHINA[d]		U.S.S.R.[e]		TOTAL	
	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	38,403	100	1,666	4.3	1,340	3.5	14,046	36.6	179	0.5	1,170	3.0	18,401	47.9	4,480	11.6	5,945	15.5	10,425	27.1
1955-1959	43,718	100	1,490	3.4	2,050	4.7	12,945	29.6	422	1.0	1,325	3.0	18,232	41.7	7,060	16.2	6,925	15.8	13,985	32.0
1960-1964	49,171	100	2,220	4.5	2,191	4.5	14,881	30.3	931	1.9	1,643	3.3	21,866	44.5	5,580	11.4	7,533	15.3	13,113	26.7
1965-1969	52,716	100	2,679	5.1	2,211	4.2	10,595	20.1	1,049	2.0	1,576	3.0	18,110	34.4	8,240	15.6	9,277	17.6	17,517	33.2
1970-1974	61,175	100	2,756	4.5	1,733	2.8	11,851	19.4	1,279	2.1	1,871	3.1	19,490	31.9	10,480	17.1	11,344	18.6	21,824	35.7
1975-1979	60,396	100	2,327	3.8	1,334	2.2	11,876	19.7	1,469	2.4	2,222	3.7	19,228	31.8	10,070	16.7	12,363	20.5	22,433	37.2
1970	54,412	100	2,740	5.0	1,440	2.6	10,269	18.9	895	1.7	1,509	2.8	16,853	31.0	9,200	16.9	10,900	20.1	20,100	37.0
1971	59,822	100	3,135	5.2	1,715	2.9	10,270	17.2	1,189	2.0	1,630	2.7	17,939	30.0	10,200	17.1	11,090	18.5	21,290	35.6
1972	63,266	100	3,000	4.7	1,780	2.8	13,890	22.0	1,268	2.0	1,869	3.0	21,807	34.5	9,800	15.5	11,205	17.7	21,005	33.2
1973	63,657	100	2,465	3.9	1,500	2.4	13,300	20.9	1,611	2.5	1,992	3.1	20,868	32.8	11,700	18.4	11,190	17.5	22,890	35.9
1974	64,716	100	2,440	3.8	2,230	3.5	11,525	17.8	1,430	2.2	2,357	3.6	19,982	30.9	11,500	17.8	12,335	19.0	23,835	36.8
1975	54,376	100	1,800	3.3	910	1.7	8,500	15.6	1,281	2.4	1,893	3.5	14,384	26.5	10,700	19.7	11,815	21.7	22,515	41.4
1976	57,569	100	2,510	4.4	1,045	1.8	10,650	18.5	1,562	2.7	2,302	4.0	18,069	31.4	10,000	17.4	12,125	21.0	22,125	38.4
1977	64,261	100	2,125	3.3	1,627	2.5	14,525	22.6	1,685	2.6	2,635	4.1	22,597	35.1	9,450	14.7	12,760	19.9	22,210	34.6
1978	59,482	100	2,519	4.2	1,563	2.6	10,856	18.3	1,657	2.8	2,105	3.6	18,700	31.5	9,968	16.8	11,885	20.0	21,853	36.8
1979	64,938	100	2,629	4.0	1,509	2.3	14,629	22.6	1,141	1.8	2,212	3.4	22,120	34.1	10,168	15.7	12,469	19.2	22,637	34.9
1980	64,529	100	2,857	4.4	1,620	2.5	11,122	17.2	1,191	1.9	1,991	3.1	18,781	29.1	12,443	19.3	13,240	20.5	25,683	39.8
1981	70,548	100	2,940	4.2	1,440	2.0	15,641	22.3	915	1.3	2,056	2.9	22,992	32.7	13,653	19.3	13,045	18.5	26,698	37.8
1982	67,516	100	2,971	4.4	840	1.2	11,963	17.7	806	1.2	1,259	1.9	17,839	26.4	16,535	24.5	12,020	17.8	28,555	42.3
1983[f]	65,571	100	2,475	3.7	1,008	1.5	7,771	11.5	803	1.2	1,864	2.7	13,921	20.6	21,310	31.5	12,352	18.3	33,662	49.8
1984[f]	76,004	100	2,950	3.9	1,350	1.8	12,800	16.8	826	1.1	2,299	3.0	20,225	26.6	20,510	27.0	12,720	16.8	33,230	43.8

SEASON Beginning AUGUST 1ST	WEST EUROPE TOTAL[g]		ASIA & OCEANIA										AFRICA							
			INDIA		PAKISTAN		TURKEY		OTHER[h]		TOTAL		EGYPT		SUDAN		OTHER[i]		TOTAL	
	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	236	0.6	3,432	8.9	1,330	3.5	642	1.7	727	1.9	6,131	16.0	1,713	4.5	387	1.0	1,110	2.9	3,210	8.4
1955-1959	537	1.2	4,012	9.2	1,381	3.2	763	1.7	1,129	2.6	7,285	16.7	1,815	4.2	502	1.1	1,362	3.1	3,679	8.4
1960-1964	838	1.7	4,769	9.7	1,663	3.4	1,118	2.3	1,644	3.3	9,194	18.7	2,045	4.1	691	1.4	1,424	2.9	4,160	8.4
1965-1969	778	1.5	4,850	9.2	2,268	4.3	1,787	3.4	2,065	3.9	10,970	20.8	2,205	4.2	946	1.8	2,190	4.1	5,341	10.1
1970-1974	809	1.3	5,410	8.8	2,993	4.9	2,379	3.9	2,363	3.9	13,145	21.5	2,268	3.7	1,056	1.7	2,583	4.2	5,907	9.6
1975-1979	803	1.3	5,700	9.4	2,536	4.2	2,291	3.8	2,381	4.0	12,908	21.4	1,936	3.2	663	1.1	2,425	4.0	5,024	8.3
1970	783	1.4	4,400	8.1	2,502	4.6	1,845	3.4	2,041	3.7	10,788	19.8	2,346	4.3	1,130	2.1	2,412	4.4	5,888	10.8
1971	759	1.3	5,800	9.7	3,263	5.5	2,420	4.0	2,238	3.7	13,721	22.9	2,351	3.9	1,125	1.9	2,637	4.4	6,113	10.2
1972	916	1.4	5,370	8.5	3,237	5.1	2,505	4.0	2,479	3.9	13,591	21.5	2,369	3.7	920	1.5	2,658	4.2	5,947	9.4
1973	717	1.1	5,530	8.7	3,037	4.8	2,365	3.7	2,416	3.8	13,348	21.0	2,258	3.6	1,090	1.7	2,486	3.9	5,834	9.2
1974	869	1.3	5,950	9.2	2,925	4.5	2,760	4.3	2,640	4.1	14,275	22.1	2,018	3.1	1,015	1.6	2,722	4.2	5,755	8.9
1975	813	1.5	5,350	9.8	2,370	4.4	2,215	4.1	2,239	4.1	12,174	22.4	1,762	3.2	500	0.9	2,228	4.1	4,490	8.2
1976	733	1.3	4,950	8.6	2,006	3.5	2,190	3.8	2,401	4.1	11,547	20.0	1,828	3.2	735	1.3	2,532	4.4	5,095	8.9
1977	928	1.4	5,680	8.9	2,651	4.1	2,650	4.1	2,489	3.9	13,470	21.0	1,840	2.9	915	1.4	2,301	3.6	5,056	7.9
1978	851	1.4	6,194	10.4	2,174	3.6	2,191	3.7	2,379	4.0	12,938	21.7	2,014	3.4	637	1.0	2,489	4.2	5,140	8.6
1979	656	1.0	6,274	9.7	3,343	5.1	2,191	3.4	2,368	3.6	14,176	21.8	2,221	3.4	523	0.8	2,605	4.0	5,349	8.2
1980	821	1.3	6,090	9.4	3,282	5.1	2,290	3.6	2,289	3.5	13,951	21.6	2,428	3.8	443	0.7	2,422	3.7	5,293	8.2
1981	877	1.2	6,473	9.2	3,438	4.9	2,244	3.2	2,644	3.7	14,799	21.0	2,293	3.2	706	1.0	2,183	3.1	5,182	7.3
1982	718	1.1	6,320	9.4	3,775	5.6	2,241	3.3	2,600	3.8	14,936	22.1	2.117	3.1	959	1.4	2,392	3.6	5,468	8.1
1983[f]	783	1.2	6,063	9.0	2,310	3.4	2,388	3.5	2,990	4.4	13,751	20.3	1,853	2.7	1,006	1.5	2,595	3.9	5,454	8.1
1984[f]	1,009	1.3	6,250	8.2	3,700	4.9	2,660	3.5	3,117	4.1	15,727	20.7	1,966	2.6	1,100	1.4	2,747	3.6	5,813	7.6

SOURCE: International Cotton Advisory Committee.

[a] Foreign imports in equivalent 500-pound bales.

[b] Baleages are principally from El Salvador, Guatemala & Nicaragua.

[c] Baleages are principally from Argentina, Colombia, Paraguay & Peru.

[d] Figures include nominal baleages for North Korea & Vietnam.

[e] Figures include nominal baleages for Albania & Bulgaria.

[f] Data are preliminary.

[g] Baleages are principally from Greece & Spain.

[h] Baleages are chiefly from Australia, Iran, Israel & Syria.

[i] Baleages are principally from Angola, Chad, Mozambique, Nigeria, South Africa, Tanzania, Uganda, Zaire & Zimbabwe.

TABLE 4: SUPPLY AND DISTRIBUTION OF DOMESTIC & FOREIGN RAW COTTON IN THE U.S. FOR THE SEASONS BEGINNING AUGUST 1ST

THOUSAND RUNNING BALES[a]

SUPPLY & DISTRIBUTION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984[b]
SUPPLY												
BEGINNING STOCK (AUGUST 1ST)	3,929	3,743	5,481	3,594	2,920	5,326	3,782	3,027	2,668	6,632	7,937	2,833
NET IMPORTS	48	34	88	38	5	4	5	28	26	23	25	25
U.S. PRODUCTION (GINNINGS)[c]	12,753	11,213	8,199	10,385	14,077	10,477	14,390	10,671	15,646	}11,963	7,771	12,800
CITY CROP (EST.)[d]	20	10	5	10	+	+	+	131	266			
TOTAL SUPPLY	**16,750**	**15,000**	**13,773**	**14,027**	**17,002**	**15,807**	**18,177**	**13,857**	**18,606**	**18,618**	**15,733**	**15,658**
DISTRIBUTION												
NET EXPORTS	5,746	3,746	3,247	4,565	5,219	5,850	8,779	5,611	6,567	5,200	6,800	5,700
U.S. CONSUMPTION	7,169	5,629	6,995	6,478	6,236	6,098	6,261	5,660	5,264	5,503	5,900	5,600
ADJUSTMENT ITEM[e]	92	144	-63	64	221	77	110	g	123	-22	200	0
ENDING STOCK (JULY 31ST)	3,743	5,481	3,594	2,920	5,326	3,782	3,027	2,586	6,632	7,937	2,833	4,358
DIVIDED AS -												
PRIVATELY OWNED	3,525	4,597	3,483	2,604	4,057	3,145	2,485	1,934				
GOVERNMENT CONTROLLED[f]	218	884	111	316	1,269	637	542	652[h]				
TOTAL DISTRIBUTION	**16,750**	**15,000**	**13,773**	**14,027**	**17,002**	**15,807**	**18,177**	**13,857**	**18,586**	**18,618**	**15,733**	**15,658**

SOURCES: U.S. Census Bureau, *Current Industrial Report M22-P; USDA Cotton and Wool Situation*; and the New York Cotton Exchange Service Bureau.

For earlier years' data, see page 178 of the October 1967 *Organon* and page 158 of the October 1978 issue.

a. Foreign imports in equivalent 500-pound bales.
b. Data estimated except for beginning stock.
c. Total ginnings within the crop year shown. Note that U.S. production given in the world tables on page 212 and 213 also includes city crop, etc.
d. Consists of rebaled samples and pickings from cotton damaged by fire and weather (partially estimated).
e. The Census Bureau's difference between supply and distribution resulting from baleage destroyed, cotton in transit, etc.
f. Loan and pooled cotton under CCC and earlier programs.
g. Included in city crop above.
h. Preliminary data, subject to revision.

TABLE 5: U.S. CALENDAR YEAR IMPORTS & EXPORTS OF RAW COTTON & COTTON PRODUCTS

THOUSAND RUNNING BALES

PRODUCTS	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
IMPORTS																
RAW COTTON	95	46	37	38	75	33	46	50	96	9	3	6	17	26	20	12
COTTON YARN	119	65	51	66	82	53	27	24	54	27	63	25	39	48	59	88
MANUFACTURED GOODS[a]	868	952	914	960	1,190	1,121	1,020	1,020	1,422	1,368	1,698	1,529	1,650	1,956	1,869	2,336
TOTAL	**1,082**	**1,063**	**1,002**	**1,064**	**1,347**	**1,207**	**1,093**	**1,094**	**1,572**	**1,404**	**1,764**	**1,560**	**1,706**	**2,030**	**1,948**	**2,436**
EXPORTS																
RAW COTTON	3,870	2,397	2,982	4,128	3,089	5,487	5,171	3,840	3,431	4,448	5,875	6,649	7,975	6,567	5,207	7,000
COTTON YARN	9	78	32	34	37	32	37	25	25	21	42	59	64	45	37	39
MANUFACTURED GOODS[a]	383	406	383	438	568	645	781	712	836	749	699	940	1,037	720	528	458
TOTAL	**4,262**	**2,881**	**3,397**	**4,600**	**3,694**	**6,164**	**5,989**	**4,577**	**4,292**	**5,218**	**6,616**	**7,648**	**9,076**	**7,332**	**5,772**	**7,497**
IMPORT BALANCE[b]																
COTTON YARN+ MANUFACTURED GOODS[a]	+595	+533	+550	+554	+667	+497	+229	+307	+615	+625	+1,020	+555	+588	+1,239	+1,363	+1,927

SOURCES: U.S. Census Bureau and Department of Agriculture.

Raw cotton data are actual bales. Cotton yarn and manufactured goods data are the USDA raw cotton equivalents of these imports and exports.

a. Includes thread, twine, cordage, woven & knit cloth, all types of apparel, household items and other items such as industrial belts and belting, bags,braids and narrow fabrics.
b. Import balance (+) and export balance (-).

For additional details in pounds, see page 186 of the October 1984 ***Organon.***

TABLE 6: U.S. COTTON ACREAGE & YIELD

SEASON BEGINNING AUGUST 1	HARVESTED	YIELD[a]	PRODUCTION
	THOUSAND ACRES	LBS	THOUSAND BALES[b]
1964	14,057	517	15,145
1965	13,615	527	14,938
1966	9,552	480	9,557
1967	7,997	447	7,443
1968	10,160	516	10,926
1969	11,055	434	9,990
1970	11,155	438	10,184
1971	11,471	438	10,477
1972	12,984	507	13,704
1973	11,970	520	12,974
1974	12,567	441	11,540
1975	8,796	453	8,302
1976	10,914	465	10,581
1977	13,282	520	14,389
1978	12,400	420	10,856
1979	12,831	547	14,629
1980	13,215	404	11,122
1981	13,841	542	15,641
1982	9,729	590	11,963
1983[c]	7,368	506	7,771
1984[d]	10,400	591	12,800

SOURCE: International Cotton Advisory Committee.

a. Per harvested acre.

b. Production for the crop year in 480-pound net weight bales, regardless of when ginned. Does not include adjustment for city crop, etc., as in the table above.

c. Preliminary data.

d. International Cotton Advisory Committee estimate.

TABLE 7: WORLD RAW WOOL PRODUCTION BY THE PRINCIPAL PRODUCING COUNTRIES[a]

MILLION POUNDS, GREASY BASIS & *Percent*

YEAR[b]	AUSTRALIA		NEW ZEALAND		SOUTH AFRICA[c]		ARGENTINA		URUGUAY		UNITED STATES		UNITED KINGDOM		TURKEY		E. EUROPE & CHINA[d]		ALL OTHERS[e]		WORLD TOTAL	
	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%
1935-39[f]	1,018	*26.3*	309	*8.0*	263	*6.8*	377	*9.8*	118	*3.1*	439	*11.4*	111	*2.9*	60	*1.5*	293	*7.6*	875	*22.6*	3,863	*100*
1940-44[f]	1,129	*27.4*	344	*8.3*	254	*6.2*	500	*12.1*	137	*3.3*	462	*11.2*	102	*2.5*	68	*1.7*	306	*7.4*	821	*19.9*	4,123	*100*
1945-49[f]	1,023	*26.9*	370	*9.7*	222	*5.8*	452	*11.9*	161	*4.2*	332	*8.7*	85	*2.2*	71	*1.9*	410	*10.8*	684	*17.9*	3,810	*100*
1950-54[f]	1,202	*27.6*	419	*9.6*	272	*6.3*	401	*9.2*	193	*4.4*	299	*6.6*	96	*2.2*	76	*1.7*	667	*15.3*	745	*17.1*	4,360	*100*
1955-59[f]	1,537	*29.5*	513	*9.8*	313	*6.0*	406	*7.8*	184	*3.5*	305	*5.9*	113	*2.2*	90	*1.7*	945	*18.2*	800	*15.4*	5,206	*100*
1960-64[f]	1,713	*30.2*	607	*10.7*	304	*5.4*	413	*7.3*	187	*3.3*	295	*5.2*	127	*2.2*	98	*1.7*	1,132	*20.0*	796	*14.0*	5,672	*100*
1965-69[f]	1,836	*30.7*	717	*12.0*	310	*5.2*	454	*7.6*	181	*3.0*	222	*3.7*	123	*2.1*	100	*1.7*	1,216	*20.3*	817	*13.7*	5,976	*100*
1970-74[f]	1,764	*30.6*	681	*11.8*	246	*4.2*	410	*7.1*	138	*2.4*	169	*2.9*	106	*1.8*	110	*1.9*	1,339	*23.2*	813	*14.1*	5,776	*100*
1975-79[f]	1,567	*26.5*	707	*12.0*	230	*3.9*	385	*6.5*	145	*2.5*	113	*1.9*	106	*1.8*	122	*2.1*	1,549	*26.3*	975	*16.5*	5,899	*100*
1965	1,663	*29.0*	695	*12.1*	329	*5.7*	430	*7.5*	183	*3.2*	241	*4.2*	129	*2.3*	95	*1.7*	1,138	*19.9*	826	*14.4*	5,729	*100*
1966	1,762	*30.1*	709	*12.1*	292	*5.0*	441	*7.5*	178	*3.0*	236	*4.0*	132	*2.3*	97	*1.7*	1,178	*20.1*	826	*14.2*	5,853	*100*
1967	1,770	*29.5*	728	*12.2*	304	*5.1*	494	*8.2*	185	*3.1*	227	*3.8*	126	*2.1*	101	*1.7*	1,239	*20.7*	818	*13.6*	5,984	*100*
1968	1,949	*31.6*	732	*11.9*	313	*5.1*	461	*7.5*	181	*2.9*	211	*3.4*	119	*1.9*	106	*1.7*	1,292	*20.9*	811	*13.1*	6,175	*100*
1969	2,035	*33.2*	723	*11.8*	310	*5.0*	445	*7.3*	176	*2.9*	194	*3.2*	106	*1.7*	103	*1.7*	1,235	*20.1*	804	*13.1*	6,131	*100*
1970	1,984	*32.2*	736	*12.1*	271	*4.4*	441	*7.2*	172	*2.8*	187	*3.1*	101	*1.7*	104	*1.7*	1,303	*21.3*	828	*13.5*	6,107	*100*
1971	1,941	*32.5*	710	*11.9*	258	*4.3*	417	*7.0*	119	*2.0*	181	*3.0*	104	*1.7*	106	*1.8*	1,327	*22.2*	809	*13.6*	5,972	*100*
1972	1,620	*29.1*	681	*12.2*	236	*4.2*	390	*7.0*	132	*2.4*	176	*3.2*	106	*1.9*	110	*2.0*	1,310	*23.6*	790	*14.4*	5,560	*100*
1973	1,545	*28.2*	628	*11.5*	231	*4.2*	397	*7.3*	132	*2.4*	159	*2.9*	108	*2.0*	115	*2.1*	1,343	*24.5*	816	*14.9*	5,474	*100*
1974	1,748	*30.3*	648	*11.2*	238	*4.1*	406	*7.0*	141	*2.5*	143	*2.5*	110	*1.9*	115	*2.0*	1,413	*24.5*	809	*14.0*	5,771	*100*
1975	1,662	*28.8*	688	*11.9*	238	*4.1*	414	*7.2*	152	*2.6*	128	*2.2*	108	*1.9*	117	*2.0*	1,430	*24.8*	837	*14.5*	5,774	*100*
1976	1,550	*27.0*	668	*11.7*	227	*4.0*	386	*6.8*	141	*2.5*	117	*2.0*	106	*1.8*	119	*2.1*	1,435	*25.0*	983	*17.1*	5,734	*100*
1977	1,493	*25.6*	686	*11.8*	234	*4.0*	379	*6.5*	137	*2.3*	112	*1.9*	101	*1.7*	121	*2.1*	1,583	*27.1*	982	*17.0*	5,838	*100*
1978	1,556	*26.0*	708	*11.8*	225	*3.8*	377	*6.3*	139	*2.3*	104	*1.7*	108	*1.6*	126	*2.1*	1,620	*27.1*	1,020	*17.1*	5,983	*100*
1979	1,564	*25.4*	787	*12.8*	227	*3.7*	377	*6.1*	154	*2.5*	106	*1.7*	106	*1.7*	130	*2.1*	1,715	*27.8*	1,002	*16.2*	6,168	*100*
1980	1,543	*24.6*	840	*13.4*	231	*3.7*	375	*6.0*	179	*2.8*	108	*1.7*	115	*1.8*	134	*2.1*	1,735	*27.6*	1,025	*16.3*	6,285	*100*
1981	1,581	*24.8*	800	*12.6*	242	*3.8*	370	*5.8*	174	*2.7*	112	*1.8*	112	*1.8*	137	*2.1*	1,806	*28.3*	1,037	*16.3*	6,371	*100*
1982	1,548	*24.2*	818	*12.8*	249	*3.9*	357	*5.6*	181	*2.8*	108	*1.7*	110	*1.7*	141	*2.2*	1,819	*28.5*	1,060	*16.6*	6,391	*100*
1983	1,605	*24.9*	802	*12.5*	238	*3.7*	368	*5.7*	181	*2.8*	101	*1.6*	115	*1.8*	141	*2.2*	1,812	*28.1*	1,072	*16.7*	6,435	*100*
1984[g]	1,664	*25.4*	862	*13.2*	242	*3.7*	368	*5.6*	187	*2.8*	95	*1.4*	112	*1.7*	141	*2.2*	1,791	*27.3*	1,092	*16.7*	6,554	*100*

SOURCE: The Commonwealth Secretariat (London).

a. Apparel plus carpet class shorn wool, as well as pulled wool and wool on skins, mostly at the shorn equivalent.

b. Calendar years for Northern Hemisphere nations; season beginning July first or October first for Southern Hemisphere countries.

c. Excludes Lesotho and South West Africa.

d. Includes U.S.S.R. & Romania only in 1945 and prior years. For 1946 forward, Albania, Bulgaria, People's Republic of China, Czechoslovakia, East Germany, Hungary, Outer Mongolia & Tibet, Poland and Yugoslavia are also included.

For 1979 forward, these figures reflect significant revisions of People's Republic of China.

e. Also includes China and Eastern European countries, except U.S.S.R. & Romania, in 1945 and prior years.

f. Five-year averages.

g. Preliminary estimates.

TABLE 8: DISAPPEARANCE OF WOOL IN THE U.S.[a]

MILLION POUNDS, SCOURED BASIS

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MILL CONSUMPTION OF WOOL														
APPAREL CLASS - DOMESTIC	116.9	101.5	145.7	121.1	86.1	99.5	92.3	87.0	91.2	92.1	77.4	142.2	119.7	151.8
- FOREIGN	79.8	42.7	24.8	19.6	11.8	16.6	38.4	34.2	37.3	32.4	47.3			
TOTAL APPAREL CLASS	**196.7**	**144.2**	**170.5**	**140.7**	**97.9**	**116.1**	**130.7**	**121.2**	**128.5**	**124.5**	**124.7**	**142.2**	**119.7**	**151.8**
CARPET CLASS - FOREIGN	**76.6**	**75.1**	**78.4**	**41.4**	**18.6**	**15.9**	**15.2**	**12.7**	**13.1**	**9.9**	**9.2**	**10.7**	**9.8**	**9.3**
SUBTOTAL ABOVE[b]	**273.3**	**219.3**	**248.9**	**182.1**	**116.5**	**132.0**	**145.9**	**133.9**	**141.6**	**134.4**	**133.9**	**152.9**	**129.5**	**161.1**
CONSUMED ON THE COTTON SYSTEM[c]	4.4	3.1	2.0	1.5	1.0	0.8	3.0	4.1	3.0	2.5	3.8	2.7	1.8	2.0
TOTAL RAW WOOL	**277.7**	**222.4**	**248.9**	**183.6**	**117.5**	**132.8**	**148.9**	**138.0**	**144.6**	**136.9**	**137.7**	**155.6**	**131.3**	**163.1**
REPROCESSED - CARPET	3.5	2.6	2.8	1.7	0.8	0.7								
- OTHER	23.8	19.5	17.0	15.8	15.9	14.1	14.8	16.7	16.8	17.0	10.5	10.9	9.8	12.2
REUSED - OTHER	3.9	2.6	2.6	2.3	1.9									
TOTAL ABOVE	**308.9**	**247.1**	**271.3**	**203.4**	**136.1**	**147.6**	**163.7**	**154.7**	**161.4**	**153.9**	**148.2**	**166.5**	**141.1**	**175.9**
WOOL CONTENT OF IMPORTS														
TOPS[d]	4.4	2.7	0.4	0.3	0.5	0.3	0.4	0.9	0.6	0.4	0.3	0.3	0.5	0.8
YARNS	8.1	7.7	6.3	4.9	5.4	4.1	5.4	5.8	5.5	3.8	3.9	4.7	7.2	7.6
CARPETS & RUGS	7.8	9.2	12.3	13.6	12.5	11.4	14.1	14.8	13.9	13.9	16.9	18.1	19.6	28.5
WOVEN FABRICS[e]	24.9	12.4	9.5	12.9	9.6	8.8	12.6	19.1	26.4	22.2	21.5	27.8	25.6	28.1
KNIT APPAREL	25.2	21.3	20.0	15.0	12.7	12.2	18.9	25.8	22.3	19.1	24.4	22.8	25.7	30.3
OTHER APPAREL	12.9	9.9	11.2	12.4	11.2	10.7	14.1	18.3	22.6	20.1	17.3	18.1	20.7	34.8
OTHER MANUFACTURES[f]	2.6	3.0	3.3	2.2	1.4	1.1	1.2	1.2	0.9	1.1	0.8	1.3	0.8	1.0
TOTAL IMPORTS[g]	**85.9**	**66.2**	**63.0**	**61.3**	**53.3**	**48.6**	**66.7**	**85.9**	**92.2**	**80.6**	**85.1**	**93.1**	**100.1**	**131.1**
WOOL CONTENT OF EXPORTS														
CARPET	0.9	1.2	1.1	1.9	2.5	1.9	2.3	2.0	0.7	0.3	0.3	0.2	0.2	9.3
OTHER	4.0	8.2	29.5	28.9	20.5	17.3	11.6	9.5	10.9	13.7	23.5	11.6	10.6	9.6
TOTAL EXPORTS[g]	**4.9**	**9.4**	**30.6**	**30.8**	**23.0**	**19.2**	**13.9**	**11.5**	**11.6**	**14.0**	**23.8**	**11.8**	**10.8**	**18.9**
NET IMPORTS	**81.0**	**56.8**	**32.4**	**30.5**	**30.3**	**29.4**	**52.8**	**74.4**	**80.6**	**66.6**	**61.3**	**81.3**	**89.3**	**112.2**
TOTAL DISAPPEARANCE	**389.9**	**303.9**	**303.7**	**233.9**	**166.4**	**177.0**	**216.5**	**229.1**	**242.0**	**220.5**	**209.5**	**247.8**	**230.4**	**288.1**
DISAPPEARANCE IN CARPETS & RUGS														
CARPET WOOL CONSUMPTION	80.1	77.7	79.2	43.1	19.4	16.6	15.5	12.8	13.2	10.9	10.4	10.7	10.3	10.7
IMPORTS OF CARPETS	7.8	9.2	12.3	13.6	12.5	11.4	14.1	14.8	13.9	13.9	16.9	18.1	20.7	28.5
EXPORTS OF CARPETS	0.9	1.2	1.1	1.9	2.5	1.9	2.3	2.0	0.7	0.3	0.3	0.2	0.2	9.3
TOTAL	**87.0**	**85.7**	**90.4**	**54.8**	**29.4**	**26.1**	**27.3**	**25.6**	**26.4**	**24.5**	**27.0**	**28.6**	**30.8**	**29.9**
% Imports of Total	*9*	*10½*	*13½*	*25*	*42½*	*43½*	*51½*	*58*	*52½*	*56½*	*62½*	*62½*	*67*	*95½*
DISAPPEARANCE IN ALL OTHER PRODUCTS														
OTHER WOOL CONSUMPTION	228.8	169.4	192.1	160.3	116.7	131.0	148.2	141.9	148.2	143.0	137.8	132.2	130.8	165.2
IMPORTS	78.1	57.0	50.7	47.7	40.8	37.2	52.6	71.1	78.3	66.7	68.2	75.0	79.4	102.6
EXPORTS	4.0	8.	29.5	28.9	20.5	17.3	11.6	9.5	10.9	13.7	23.5	11.6	10.6	9.6
TOTAL	**302.9**	**218.2**	**213.3**	**179.1**	**137.0**	**150.9**	**189.2**	**203.5**	**215.6**	**196.0**	**182.5**	**218.8**	**199.6**	**258.2**
% Imports of Total	*26*	*26*	*24*	*26½*	*30*	*24½*	*28*	*35*	*36½*	*34*	*37½*	*34½*	*40*	*40*

a. Calendar years.
b. Agrees with *Organon's* Selected U.S. Monthly Textile Fiber Data Table.
c. Raw wool consumed on the cotton spinning system.
d. Includes advanced wool.
e. Includes pile fabrics & manufactures, blankets, tapestry & upholstery, press & billiard cloths, car robes, etc.
f. Includes knit fabrics in the piece and miscellaneous manufactures not elsewhere specified.
g. March/April *Organon* page 39 or as revised later.

NOVEMBER 1984 CAPACITY SURVEY ANALYSIS

Capacity Utilization Rises

Capacity utilization rates fell during 1984, down nearly 2% from 1983 levels. Based on annualized January-November production data and November 1984 Capacity Survey results, the capacity utilization rate for the U.S. man-made fiber industry stood at 78.6%, as compared to 80.5% in 1983 (Graph 1).

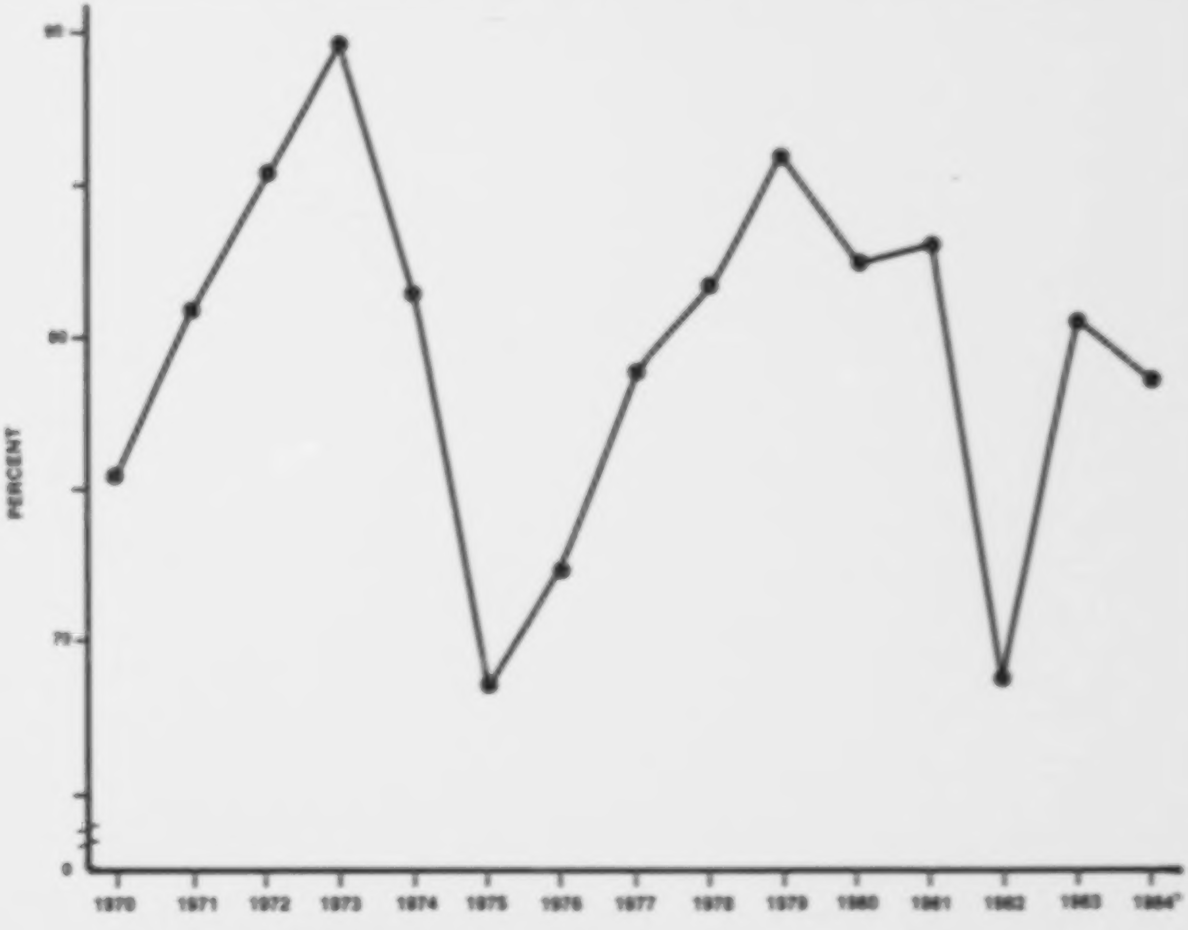
Even though utilization rates fell, total industry capacity (excluding textile glass) rose to 10,335 million pounds, up 1.8% from the 10,149 million pounds recorded in the November 1983 Survey.

Due to growth in nylon, polyester and olefin+vinyon, noncellulosic staple+tow capacity increased sharply from 4,827 million pounds as of the November 1983 *Organon* Capacity Survey, to 4,981 million pounds (Table 10).

Since November 1983, the filament yarn capacity grew from 4,477 million pounds to 4,509 million pounds with major increases in nylon carpet and olefin (Table 10).

With this most current Survey, the gap between noncellulosic staple+tow and noncellulosic filament yarn capacity continued to widen. Since 1981, when staple+tow capacity surpassed filament yarn capacity, the gap has grown from 184 million pounds to 472 million pounds.

GRAPH 1: INDUSTRY CAPACITY UTILIZATION[a]



a. Cellulosic and noncellulosic fiber excluding textile glass.
b. Utilization based on November 1984 capacity survey and annualized January-November production data.

TABLE 9: U.S. MAN-MADE FIBER PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS & *Average Denier*

PERIOD	CELLULOSIC FIBERS								NONCELLULOSIC FIBERS[a]			TEXTILE GLASS TOTAL[c]	GRAND TOTAL MAN-MADE FIBERS		
	FILAMENT YARN+MONOFIL				STAPLE+TOW										
	RAYON	ACETATE[b] LBS	ACETATE[b] *DENIER*	TOTAL	RAYON	ACE-TATE[b]	TOTAL	TOTAL	YARN +MONO	STAPLE +TOW	TOTAL		YARN[d] +MONO	STAPLE +TOW	TOTAL
ACTUAL ANNUAL PRODUCTION															
1970	268	463		731	607	35	642	1373	1793	1793	3586	467	2991	2435	5426
1971	304	449		753	612	26	638	1391	2188	2105	4293	468	3409	2743	6152
1972	252	401		653	713	28	741	1394	2773	2583	5356	572	3998	3324	7322
1973	198	437		635	697	25	722	1357	3339	2970	6309	688	4662	3692	8354
1974	172	362		534	645	20	665	1199	3443	2780	6223	683	4660	3445	8105
1975	65	301		366	371	12	383	749	3209	2677	5886	546	4121	3060	7181
1976	68	287		355	475	11	486	841	3306	3320	6626	676	4337	3806	8143
1977	71	282		353	527	8	535	888	3674	3654	7328	787	4814	4189	9003
1978	62	301		363	535	7	542	905	3830	3953	7783	923	5116	4495	9611
1979	57	317		374	549	7	556	930	4155	4282	8437	1014	5543	4838	10381
1980	47	309		356	443	7	450	806	3744	4148	7892	867	4967	4598	9565
1981	48	257		305	461	4	465	770	3815	4191	8006	1041	5161	4656	9817
1982	33	195		228	355	1	356	584	3057	3403	6460	899	4184	3759	7943
1983	26	228		254	375	1	376	630	3568	3970	7538	1169	4991	4346	9337
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF -															
NOV 1970[e]	360	494	NA	854	819	40	859	1713	2440	2422	4862	657	3951	3281	7232
NOV 1971[e]	337	490	NA	827	757	30	787	1614	2796	2620	5416	696	4319	3407	7726
NOV 1972[e]	235	486	NA	721	761	30	791	1512	3362	3034	6396	721	4804	3825	8629
NOV 1973[e]	224	473	NA	697	768	28	796	1493	3738	3302	7040	739	5174	4098	9272
NOV 1974[e]	172	449	NA	621	724	28	752	1373	4175	3584	7759	821	5617	4336	9953
NOV 1975[e]	100	384	NA	484	737	18	755	1239	4640	3796	8436	909	6033	4551	10584
NOV 1976[e]	85	399	NA	484	691	18	709	1193	4878	4254	9132	893	6255	4963	11218
NOV 1977[e]	85	315	[illegible]	400	655	8	663	1063	4974	4394	9368	1002	6376	5057	11433
NOV 1978[e]	83	330	87	413	665	8	673	1086	5000	4571	9571	1118	6531	5244	11775
NOV 1979[e]	75	355	[illegible]	430	671	8	679	1109	5126	4678	9804	1305	6861	5357	12218
NOV 1980[e]	63	324	[illegible]	387	514	8	522	909	4933	4714	9647	1473	6793	5236	12029
NOV 1981[e]	52	332	[illegible]	384	509	5	514	898	4766	4950	9716	1561	6711	5464	12175
NOV 1982[e]	63	318	[illegible]	381	510	4	514	895	4583	4781	9364	1718	6682	5295	11977
NOV 1983[e]	63	268	[illegible]	331	510	4	514	845	4477	4827	9304	1618	6426	5341	11767
NOV 1984[e]	63	268	[illegible]	331	510	4	514	845	4509	4981	9490	1743	6583	5495	12078
MAY 1985[f]	63	268	[illegible]	331	510	4	514	845	4612	5072	9684	1816	6759	5586	12345
NOV 1985[f]	63	268	[illegible]	331	510	4	514	845	4700	5123	9823	1849	6880	5637	12517
MAY 1986[f]	63	268	[illegible]	331	510	4	514	845	4733	5181	9914	1860	6924	5695	12619
NOV 1986[f]	63	268	[illegible]	331	510	4	514	845	4865	5282	10147	1860	7056	5796	12852

a. Included are those listed in the November **Organon** issue, with the exception of Aramid fiber as of November 1983. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. Data include diacetate and triacetate. The acetate staple+tow data do not include the large poundages for cigarette filtration.

c. Textile glass fiber, all types.

d. Grand Total Yarn means the yarn+mono shown **plus** all textile glass fiber.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of MAY 1985.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in Table 10 on page 219 cover the man-made fibers in all their primary forms, i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn and strand, staple yarn and sliver, roving and cake, chopped and milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. The glass fiber data are included with the filament yarn totals. The "capacity" to produce waste is ***not*** included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is ***emphasized*** that all figures refer to ***current*** and ***planned*** capacity. ***They are not to be interpreted as a production forecast.***

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. On the other hand, equipment which is definitely scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. Put another way, the capacity data reflect ***potential***, rather than ***operating***, capacity.

TABLE 10: NONCELLULOSIC FIBER CAPACITY DETAIL

MILLION POUNDS & *Average Denier*

PERIOD	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER: NYLON+ARAMID IND	NYLON+ARAMID CARP	NYLON+ARAMID TEXTILE LBS	NYLON+ARAMID TEXTILE DEN	POLYESTER IND	POLYESTER TEXTILE LBS	POLYESTER TEXTILE DEN	OLEFIN[a] YARN	OLEFIN[a] MONO[b]	OLEFIN[a] FILM[b]	OTHER[c]	TOTAL	STAPLE, TOW & FIBERFILL: NYLON + ARAMID	ACRYL +MOD-ACRYL	POLY-ESTER	OLEFIN + VINYON	TOTAL	NON-CELLU-LOSIC TOTAL
NOV 1970[d]	480	428	569	*NA*	294	316	*NA*	110	119	106	18	2440	280	659	1370	113	2422	4862
NOV 1971[d]	463	531	522	*NA*	337	559	*NA*	89	163	113	19	2796	460	698	1355	107	2620	5416
NOV 1972[d]	469	626	559	*NA*	364	892	*NA*	96	177	159	20	3362	602	754	1571	107	3034	6396
NOV 1973[d]	466	707	534	*NA*	385	1118	*NA*	106	214	190	18	3738	701	787	1709	105	3302	7040
NOV 1974[d]	483	770	552	*NA*	403	1351	*NA*	125	254	221	16	4175	757	824	1899	104	3584	7759
NOV 1975[d]	503	786	553	*NA*	391	1576	*NA*	168	313	334	16	4640	827	827	2021	121	3796	8436
NOV 1976[d]	519	787	552	*54*	442	1701	*133*	178	312	371	16	4878	910	869	2355	120	4254	9132
NOV 1977[d]	523	829	558	*55*	443	1698	*126*	173	336	398	16	4974	939	869	2470	116	4394	9368
NOV 1978[d]	510	908	565	*53*	443	1643	*116*	174	347	394	16	5000	1023	865	2554	129	4571	9571
NOV 1979[d]	513	950	579	*51*	443	1699	*114*	172	342	408	20	5126	1020	839	2673	146	4678	9804
NOV 1980[d]	515	910	551	*52*	400	1637	*113*	120	350	430	20	4933	991	830	2759	134	4714	9647
NOV 1981[d]	514	893	553	*49*	316	1481	*114*	178	356	455	20	4766	1010	835	2839	266	4950	9716
NOV 1982[d]	474	925	513	*53*	338	1265	*119*	209	369	460	30	4583	978	832	2700	271	4781	9364
NOV 1983[d]	440	907	494	*52*	337	1170	*122*	240	375	484	30	4477	1017	826	2704	280	4827	9304
NOV 1984[d]	437	926	470	*57*	342	1162	*121*	270	386	486	30	4509	1054	807	2784	336	4981	9490
MAY 1985[e]	438	951	481	*57*	344	1162	*121*	267	388	551	30	4612	1074	809	2804	385	5072	9684
NOV 1985[e]	438	986	481	*57*	374	1162	*121*	265	390	574	30	4700	1094	810	2804	415	5123	9823
MAY 1986[e]	438	991	481	*57*	383	1168	*122*	278	390	574	30	4733	1142	812	2804	423	5181	9914
NOV 1986[e]	438	1016	481	*57*	392	1168	*122*	344	390	606	30	4865	1142	813	2904	423	5282	10147

Note: As of the November 1983 survey, nylon capacity data no longer include Aramid fiber.

NA means not available.

IND means industrial yarn and monofil, i.e., 500 denier & coarser, with an Instron tenacity of 7 grams per denier or more; **CARP** means bulked continuous filament yarn for carpets; **TEXTILE** means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

[a] Includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles, film fiber used for decorative or tying ribbons, etc.

[b] Includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated fiber.

[c] Other yarn & monofil is chiefly saran and spandex. Aramid data are included with nylon.

[d] Actual producing capacity as of date shown.

[e] Future producing capacity planned for certain & dates as of May 1985.

GRAPH 2: NONCELLULOSIC YARN+MONOFILAMENT CAPACITY VS. STAPLE+TOW CAPACITY

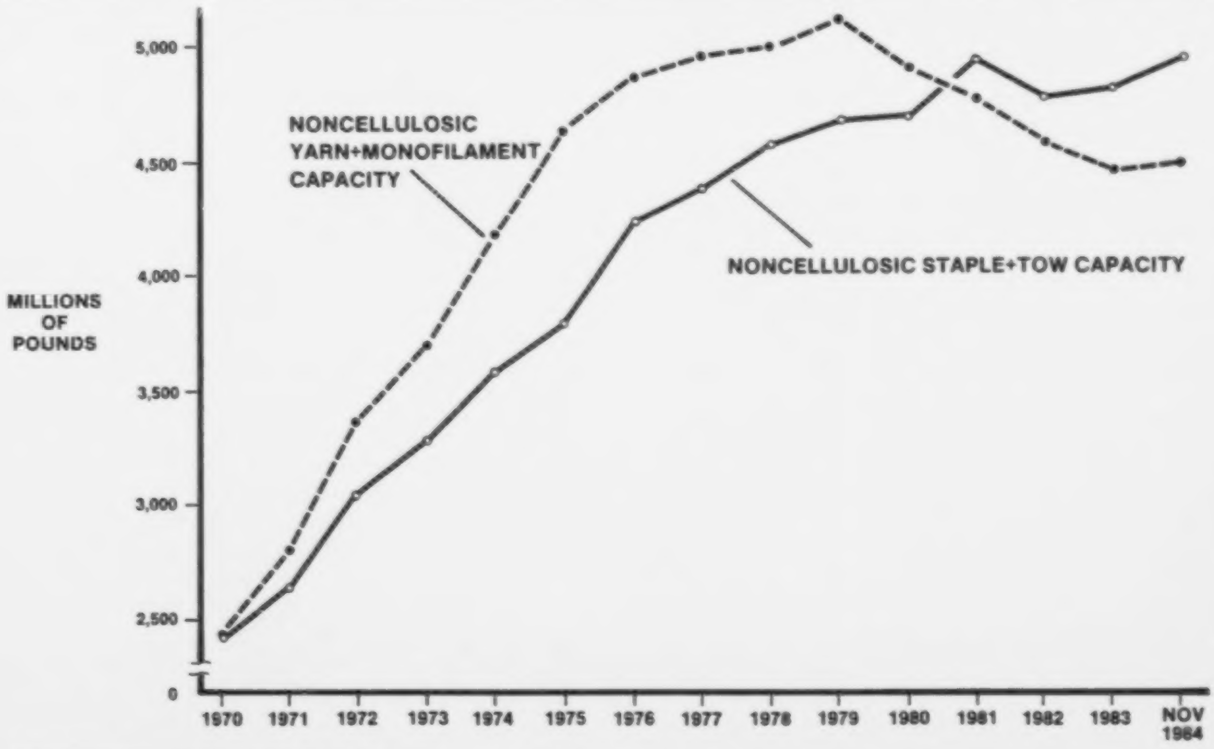


TABLE 11: FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1983				1984			
		1980	1981	1982	1983	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
(A) ACETATE		(N) NYLON *				(P) POLYESTER				(O) OLEFIN			
HOSIERY[b]	N	106.3	107.0	92.3	104.3	25.4	26.3	26.0	26.6	27.8	25.6	24.1	
OTHER CIRCULAR KNIT[c]	N	56.6	48.2	25.7	24.5	5.3	6.0	6.0	7.2	4.2	5.1	4.5	
	P	495.7	345.6	228.4	293.7	77.2	79.3	67.5	69.7	55.7	42.0	35.3	
	A	3.2	3.6	1.6	2.1	0.7	0.5	0.6	0.3	0.4	1.0	0.6	
FLAT KNIT	A	144.9	98.7	71.7	79.1	18.0	23.6	20.1	17.4	18.1	19.8	15.1	
	N	176.3	163.2	130.8	162.2	39.0	42.4	39.8	41.0	40.4	33.0	29.4	
	P	83.8	98.4	87.0	116.6	22.4	26.2	31.3	36.7	32.7	36.0	34.0	
CARPET FACE	N	714.5	633.6	559.5	734.6	143.9	196.4	196.4	197.9	191.1	197.7	191.3	
	O	89.5	89.5	90.0	131.2	29.8	34.0	33.1	34.3	29.9	32.4	35.4	
CARPET BACKING[d]	O	197.8	195.3	184.7	198.8	46.1	54.1	53.7	44.9	48.1	53.0	51.6	
OTHER BROAD WOVEN[e]	A	110.5	110.7	88.8	113.6	24.2	29.2	29.7	30.5	29.8	30.5	27.2	
	N	94.3	89.2	82.2	83.6	21.3	22.3	19.3	20.7	20.5	24.7	23.9	
	P	405.5	440.2	367.0	489.9	107.0	138.6	118.1	126.2	104.8	93.9	92.9	
	O	186.3	200.7	172.5	217.1	48.9	57.2	58.1	52.9	51.2	54.3	47.5	
NARROW WOVEN[f]	A	8.7	8.6	2.9	1.7	0.9	0.2	0.4	0.2	0.1	0.3	0.3	
	N	31.4	34.0	30.2	35.3	7.0	9.2	9.5	9.6	10.8	10.1	9.2	
	P	28.1	28.1	28.1	35.5	7.7	8.5	8.7	10.6	8.6	8.8	10.2	
	O	12.3	12.6	12.1	15.0	3.7	3.5	3.8	4.0	3.7	3.8	3.8	
TIRES, INCL. CHAFER	N	209.2	204.7	147.9	145.5	29.2	33.7	34.8	47.8	42.4	45.5	38.6	
	P	161.0	174.8	168.9	174.1	42.9	45.3	42.5	43.4	44.6	44.5	44.8	
OTHER RUBBER INDUSTRY[g]	N	22.3	25.7	17.3	16.3	4.1	4.3	4.0	3.9	5.1	5.6	5.5	
	P	30.2	35.1	26.7	27.8	6.4	7.7	5.9	7.8	8.1	9.9	7.8	
ROPE, CORDAGE & FISHLINE	N	33.0	30.6	29.1	31.7	7.5	7.6	8.0	8.6	8.7	9.9	8.4	
	P	13.1	15.8	14.4	12.2	3.3	3.4	2.8	2.7	4.5	3.9	3.5	
	O	84.4	92.1	84.8	95.5	23.3	25.7	23.1	23.4	28.4	27.9	23.1	
ALL OTHER[h]	A	1.9	4.7	4.0	1.1	0.3	0.4	0.2	0.2	0.3	0.3	0.2	
	N	95.0	68.1	50.6	54.4	12.3	10.9	14.6	16.6	14.1	13.5	14.0	
	P	146.0	292.0	214.3	144.6	39.4	33.6	30.4	41.2	32.9	47.1	50.3	
	O	41.4	38.1	32.9	41.0	8.8	9.7	10.3	12.2	8.0	8.8	8.2	
TOTAL ABOVE	A	**269.2**	**226.3**	**169.0**	**197.6**	**44.1**	**53.9**	**51.0**	**48.6**	**48.7**	**51.9**	**43.4**	
	N	**1538.9**	**1404.3**	**1165.6**	**1392.4**	**295.0**	**359.1**	**358.4**	**379.9**	**365.1**	**370.7**	**348.9**	
	P	**1363.4**	**1430.0**	**1134.8**	**1294.4**	**306.3**	**342.6**	**307.2**	**338.3**	**291.9**	**286.1**	**278.8**	
	O	**611.7**	**628.3**	**577.0**	**698.6**	**160.6**	**184.2**	**182.1**	**171.7**	**169.3**	**180.2**	**169.6**	
TOTAL DOMESTIC		**3783.2**	**3688.9**	**3046.4**	**3582.8**	**806.0**	**939.8**	**898.7**	**938.3**	**875.0**	**888.9**	**840.7**	
ALSO DIVIDED AS													
APPAREL		1530.4	1530.0	1128.2	1257.5	305.4	335.6	301.7	314.8	278.1	308.8	245.9	
HOME FURNISHINGS		1212.7	1129.4	1016.6	1328.7	272.0	351.3	350.3	355.1	335.3	305.5	339.9	
INDUSTRIAL		1040.1	1029.5	901.6	996.8	228.6	252.9	246.7	268.6	261.6	274.6	254.9	
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)[i]													
NYLON		167.4	159.6	122.3	127.1	30.9	32.8	31.5	31.9	31.3	30.4	28.1	
POLYESTER		942.0	991.3	737.9	832.4	201.0	221.8	192.2	217.4	173.6	162.1	163.6	
OLEFIN		40.9	33.5	26.8	28.0	6.2	6.2	7.4	6.2	5.9	5.8	6.9	

*. Includes Aramid in 1980 through 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports starting 1st Quarter 1980.

i. These poundages are included in the Total Domestic area above.

TABLE 12: STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1983				1984			
		1980	1981	1982	1983	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
(R) RAYON (N) NYLON * (A) ACRYLIC+MODACRYLIC (P) POLYESTER (O) OLEFIN													
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	275.7	255.6	230.5	237.3	58.1	64.3	60.4	54.5	54.4	57.1	48.5	
	NPR	11.5	8.9	8.8	9.5	2.9	2.7	2.2	1.7	1.4	1.6	1.8	
PILE FABRICS[b]	A	60.4	44.7	36.4	33.0	9.0	10.3	7.8	5.9	8.3	8.9	7.0	
	P	18.3	14.9	15.6	18.2	4.8	4.9	5.0	3.5	4.8	5.0	4.6	
OTHER CIRCULAR+FLAT KNIT[c]	R	9.8	10.9	5.7	3.5	1.0	1.2	0.9	0.4	1.2	0.6	1.2	
	A	125.0	91.6	112.6	129.5	31.5	32.2	33.0	32.8	32.0	35.0	31.0	
	P	296.3	300.7	288.8	354.4	91.5	91.1	85.8	86.0	77.6	76.5	67.5	
BLANKETS[b]	A	42.2	28.1	23.7	27.1	7.7	6.7	8.1	4.6	6.9	5.5	6.7	
	P	17.3	14.8	12.0	10.5	3.8	2.8	2.5	1.4	1.4	1.4	1.5	
OTHER BROAD WOVEN	R	201.6	224.7	146.6	182.1	40.8	45.3	47.0	49.0	48.9	42.8	43.2	
	N	53.0	52.4	56.4	59.0	15.4	16.6	14.2	12.8	12.3	11.0	8.9	
	A	42.3	33.0	25.7	32.5	7.7	8.8	8.2	7.8	9.4	7.4	5.6	
	P	1194.6	1107.0	889.0	1062.9	237.0	270.4	272.3	283.2	272.6	270.6	258.3	
	O	17.3	17.1	16.1	19.4	4.9	5.0	4.9	4.6	5.7	5.3	5.3	
CARPET FACE YARNS	R	+	0.3	0.1	0.2	+	0.1	+	0.1	0.2	+	0.1	
	N	631.5	617.4	594.4	815.2	175.3	220.7	215.9	203.3	194.5	196.1	179.2	
	A		Included in All Other										
	P	119.9	124.0	114.7	139.0	34.7	39.8	33.2	31.3	31.2	35.6	32.0	
	O	61.6	67.5	76.8	93.6	21.7	23.7	22.7	25.5	22.4	25.2	23.9	
FIBERFILL[e]	P	205.1	226.7	228.4	275.4	60.8	68.8	75.3	70.5	69.2	66.9	65.4	
FLOCK	NP	10.8	13.0	10.2	10.6	2.3	3.0	3.0	2.3	2.3	2.3	2.2	
	R	5.1	5.6	3.1	3.2	0.9	0.7	0.7	0.9	0.7	0.7	0.7	
NONWOVENS[e,f]	R	147.3	124.6	111.9	119.0	30.5	29.0	29.3	30.2	33.8	32.4	32.0	
	N	3.2	3.5	3.8	4.9	1.1	1.1	1.4	1.3	0.9	0.6	0.7	
	P	166.6	149.3	156.2	177.4	38.8	48.4	47.8	42.4	44.6	46.7	42.9	
	VINYON+O	34.6	42.7	39.0	61.5	10.2	13.0	16.5	21.8	25.2	29.6	32.5	
ALL OTHER	R	26.2	29.1	24.3	23.8	6.3	6.1	6.4	5.0	5.5	5.6	3.8	
	N	12.2	10.3	7.7	5.2	1.2	1.6	1.3	1.1	1.1	0.9	3.6	
	A	39.7	41.1	29.0	32.8	6.1	7.0	10.4	9.3	9.6	10.3	8.9	
	P	42.6	60.6	57.8	55.8	14.6	12.6	14.7	13.9	11.7	24.5	9.9	
	VINYON+O	1.5	4.7	7.0	8.9	2.9	2.4	1.0	2.6	0.4	0.9	1.0	
TOTAL ABOVE	**R**	**390.7**	**396.9**	**293.7**	**333.5**	**80.1**	**83.0**	**84.6**	**85.8**	**90.7**	**82.5**	**81.6**	
	N	**711.2**	**696.4**	**673.3**	**897.1**	**196.0**	**243.5**	**236.2**	**221.4**	**211.1**	**210.6**	**194.5**	
	A	**585.3**	**494.1**	**457.9**	**492.2**	**120.1**	**129.3**	**127.9**	**114.9**	**120.6**	**124.2**	**107.7**	
	P	**2071.8**	**2005.4**	**1767.5**	**2099.2**	**487.6**	**540.4**	**538.1**	**533.1**	**514.2**	**527.7**	**483.4**	
	VINYON+O	**115.8**	**132.0**	**138.9**	**183.4**	**39.7**	**44.1**	**45.1**	**54.5**	**53.7**	**61.0**	**62.7**	
TOTAL DOMESTIC		**3873.2**	**3724.8**	**3331.3**	**4005.4**	**923.5**	**1040.3**	**1031.9**	**1009.7**	**990.3**	**1006.0**	**929.9**	
ALSO DIVIDED AS													
APPAREL		1632.9	1487.5	1321.7	1461.3	360.8	386.0	359.9	354.6	341.1	349.9	310.3	
HOME FURNISHINGS		1478.0	1442.9	1266.4	1630.0	363.9	432.9	424.8	408.4	404.7	406.1	375.1	
INDUSTRIAL		762.3	794.4	743.2	914.1	198.8	221.4	247.2	246.7	244.5	250.0	244.5	

* 1980 through 1982 poundages include Aramid.

a. Olefin poundages are included in All Other.

b. Rayon and nylon poundages are included in All Other.

c. Nylon poundages are included in All Other.

d. Rayon and acrylic poundages are included in All Other.

e. Wet & dry laid and needled batts only.

f. Acrylic poundages are included in All Other.

TABLE 13: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984												10 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6	0	2			68	236
CANADA	42	12	327	45	366	250	316	308	246	110			2022	1319
MEXICO	163	120	55	41	41	0	40	70	41	41			612	914
AUSTRIA	0	0	0	0	0	0	0	0	0	0			0	1330
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457	313	108			3706	1964
NETHERLANDS	28	40	40	57	49	24	65	53	99	3			458	447
UNITED KINGDOM	0	0	+	0	0	0	0	22	35	0			57	442
JAPAN	74	86	62	23	104	+	35	33	83	18			518	478
REP. OF KOREA	60	0	40	0	80	0	0	10	+	0			190	80
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375	15	0			504	122
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**			**8135**	**7332**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780	842	672			6922	4470
AUSTRIA	390	70	219	282	189	94	152	38	196	58			1688	1490
FRANCE	16	18	7	2	0	38	0	0	1	0			82	78
SWEDEN	164	432	190	92	402	190	1195	0	46	679			3390	2684
UNITED KINGDOM	225	81	42	60	136	38	44	61	89	249			1025	419
JAPAN	116	47	162	134	121	98	135	96	213	108			1230	1546
TAIWAN	0	0	0	0	0	0	0	37	0	0			37	96
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	42	1	1	32			77	99
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1798**			**14451**	**10882**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1936	1432	984	1341	1081			15233	6747
MEXICO	1317	1796	1574	1486	1101	1125	961	1074	1200	986			12620	4094
FRANCE	224	222	104	133	125	95	225	303	307	626			2364	1464
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851	1303	556			13942	5495
ITALY	199	569	390	407	642	559	1049	481	203	1740			6239	2211
NETHERLANDS	54	95	26	17	5	114	76	91	85	4			567	227
SPAIN	95	225	2	0	1	+	0	+	0	16			339	1365
SWITZERLAND	17	101	71	51	9	12	86	23	42	14			426	675
UNITED KINGDOM	531	89	366	204	289	128	1184	293	440	316			3840	2409
ISRAEL	111	72	84	43	148	169	348	182	106	172			1435	1042
JAPAN	1131	1338	1660	1574	1640	813	1869	1246	965	880			13116	8555
REP. OF KOREA	42	55	37	24	13	13	3	102	3	2			294	675
TAIWAN	122	+	60	36	109	56	72	37	35	0			527	348
SOUTH AFRICA	347	563	112	450	695	85	326	63	132	224			2997	1138
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218	253	304			2177	478
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**	**6921**			**76116**	**36923**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1727	1186	1435	966	534	1073			11213	6207
COSTA RICA	155	354	237	249	114	82	53	357	473	28			2102	701
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210	1431	660			15259	8220
BELGIUM	32	61	38	41	40	69	121	0	19	0			421	292
FRANCE	483	507	834	512	149	121	346	302	231	704			4189	5978
GERMANY, FED. REP. OF	1965	1587	2599	2064	2636	2371	5285	2062	3138	2362			26069	14553
ITALY	1182	791	1234	1519	983	749	2264	552	1009	735			11018	8300
NETHERLANDS	88	140	76	63	1	0	140	18	48	34			608	991
SWITZERLAND	22	+	113	58	57	2	22	20	59	2			355	179
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606	1289	1708			12577	12781
AUSTRALIA	0	24	0	0	0	0	14	0	22	0			60	91
ISRAEL	45	28	0	30	30	0	26	2	0	0			161	112
JAPAN	1334	926	1361	1092	1430	574	2013	846	1843	1036			12455	11026
REP. OF KOREA	0	40	62	120	40	0	64	4	22	0			352	336
TAIWAN	826	471	1576	1265	941	539	1436	1073	1338	543			10008	3353
ROMANIA	138	98	299	488	56	0	222	85	136	189			1711	510
SOUTH AFRICA	0	213	0	82	0	0	81	48	27	0			451	89
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124	22	210			1808	596
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**	**9284**			**110817**	**74315**

+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 357, Italy 35, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil +, Federal Republic of Germany 26, Mexico 1, Netherlands 42, Romania 6 and Thailand 1.

c. Australia 162, Austria 277, Belgium 64, Brazil 184, Costa Rica 369, Denmark 32, Finland 1, Hong Kong 7, Iceland +, India 1, Iran 7, Ireland 55, Mali 93, Morocco 1, Norway 154, People's Republic of China +, Portugal 1, Romania 551, Singapore 6, Sweden 183, and Yugoslavia 29.

d. Austria 71, Brazil 1018, Denmark 63, Finland 80, Honduras 75, Hong Kong 2, Ireland 45, Norway 2, Poland 19, Portugal 41, Singapore 26, Spain 25, Sweden 86, and Turkey 255.

TABLE 14: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984												10 MONTHS	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0108 & .0206	0	0	38	79	184	9	217	802	100	0			1429	256
OTHER	310.0130 & .0230[a]	1136	585	880	359	878	420	814	511	677	281			6541	6636
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0	+	0			5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21	55	1			160	416
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**			**8135**	**7332**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	1826	900	1175	1718			13201	10150
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113	213	80			1250	732
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1798**			**14451**	**10882**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**69**	**6**	**40**	**38**	**38**	**90**	**0**	**36**	**81**			**438**	**251**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016	1468	1566	781	872	1483			14871	3589
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	1064	617	947	938			9264	1268
- OTHER	310.0114 & .0214	651	604	649	613	837	746	791	798	848	543			7080	6788
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	3983	2129	2041	2936			25251	10602
- POLYESTER	310.0150 & .0250	1328	1658	1618	1504	1707	1287	2005	981	1200	617			13905	10437
- OTHER	310.0170 & .0270[b]	202	274	310	281	247	166	192	261	112	125			2170	2140
MONOFILAMENTS	309.0200 & .0330[c]	383	325	282	336	243	132	175	291	321	157			2645	1416
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	90	101	62	122	87	90	74	122			930	483
SUBTOTAL ABOVE		**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**	**6921**			**76116**	**36923**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450	1698	7722	1527	2825	3642			31420	21616
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523	1583	1125			19669	10456
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947	1530	745			11719	11421
- OLEFIN	309.4346	325	76	474	173	184	55	218	130	38	138			1811	919
- OTHER	309.4355	1109	969	1627	1551	1219	998	1867	1261	1874	812			13287	7364
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	1831	1602	2529	1677			19338	15730
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	444	730	640	390			6095	957
ACRYLIC	309.3050 & .3150	646	538	978	355	763	312	798	443	509	716			6058	5238
OTHER	309.3065 & .3165	115	147	123	195	148	185	243	112	113	39			1420	614
SUBTOTAL ABOVE		**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**	**9284**			**110817**	**74315**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2390	4767	2062	1623	1585	1218	7325	1835	2668	1572			27045	21489
- POLYESTER	309.6630	634	810	621	775	459	341	1318	792	478	849			7077	10515
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0	0	0			38	304
- OTHER	309.6660	139	213	452	265	308	214	690	265	668	286			3500	2542
NOILS & GARNETTED FIBERS	309.6000 & .7000*	57	62	12	0	15	74	23	27	32	0			302	232
OTHER WASTE, ADVANCED	309.7525 - .7555	161	981	259	941	343	403	584	655	627	850			5804	1602
SUBTOTAL ABOVE		**3418**	**6834**	**3406**	**3604**	**2710**	**2250**	**9940**	**3574**	**4473**	**3557**			**43766**	**36684**
TOTAL MAN-MADE ABOVE		**24669**	**26655**	**27318**	**24461**	**25847**	**18370**	**39551**	**20144**	**24785**	**21923**			**253723**	**166387**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	+	0	0	0	0	0	0	0	1			1	1
- NONCELLULOSIC	310.1015[d] & .1109[e]	1108	1204	1068	968	610	791	957	1317	1443	822			10288	6420
OTHER - CELLULOSIC	310.1030 & .1135[f]	2	12	8	8	14	18	56	5	19	7			149	82
- NONCELLULOSIC	310.1050 & .1070[g]	146	84	162	183	517	305	304	171	255	193			2320	1914
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	104	52	136	91	186	227	173	91	208	119			1387	911
- OTHER	310.4015 & .4027[i]	2641	3042	3050	2639	3069	3077	4580	3111	4279	1508			30996	26519
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	1107	844	890	268	626	241	1022	340	788	259			6385	2780
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	459	657	401	477	203	501	421	647	361			4537	2266
SLIVER, TOPS & ROVING	309.9000	589	755	607	639	381	74	362	258	369	117			4151	4406
TEXTILE GLASS FIBER	309.2800 & .2900[j]	2128	2900	2813	1725	2452	1499	1857	2058	1275	1951			20658	16104
GRAND TOTAL ABOVE		**32904**	**36007**	**36709**	**31383**	**34179**	**24805**	**49363**	**27916**	**34068**	**27261**			**334595**	**227790**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

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TABLE 15: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984												YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**	**13.6**		**186.1**	**207.9**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4	33.1		344.1	290.7
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8	2.9		31.8	31.3
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7	63.5		732.3	692.7
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2	28.7	30.2		328.9	350.5
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4	25.0		290.7	282.8
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9	1.5		21.5	23.9
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6	76.3		790.8	934.3
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	59.3	56.6	65.0	73.3		669.7	648.7
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**287.2**	**288.2**	**307.5**	**305.8**		**3209.8**	**3254.9**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**	**30.9**		**358.3**	**345.1**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4	73.4	66.3	74.4	65.7		769.6	842.4
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3	49.4		615.7	604.1
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7	191.6		2009.7	2010.8
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	22.2	21.5		226.0	170.1
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**332.6**	**328.2**		**3621.0**	**3627.4**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**	**13.1**		**13.1**	**14.3**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0	27.5		27.5	19.6
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9	4.6		4.6	4.5
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7	72.5		72.5	47.9
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3	44.8		44.8	36.4
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5	18.8		18.8	18.9
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4	4.7		4.7	2.7
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9	78.4		78.4	75.4
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4	60.0		60.0	57.4
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**	**311.3**		**311.3**	**262.8**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**	**30.4**		**30.4**	**24.4**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3	77.2		77.2	60.0
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8	75.9		75.9	67.5
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5	197.7		197.7	175.2
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3	20.4		20.4	18.9
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**	**371.2**		**371.2**	**321.6**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	13.0	11.8	10.8			132.2	125.5
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7	0.6	1.1			8.7	9.2
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.7	12.4	11.9			140.9	134.7
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.9			2282.5	2347.1

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 37 of the March/April issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.

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Each issue of the ***Organon*** contains one or more principal topics. The following is a brief outline of the major subjects covered in the 1984 issues. The numbers in parentheses are the pages of each month's issue.

JANUARY	Special Feature: "Capacity Utilization Review"; Special Feature: "International Trade Supplement" (1-16)
FEBRUARY	Special Report: "The Impact of Imports" (17-32)
MARCH/ APRIL	Special Feature: "1983: A Year in Perspective"; Special Feature: "1983 Import/Export Review" Special Feature: "Measuring Productivity: Indexes of Output for the U.S. Man-Made Fiber Industry" (33-64)
MAY	Special Feature: "1983 Per Capita Consumption Review"; Special Feature: "May 1984 Capacity Survey Analysis" (65-80)
JUNE	World Man-Made Fiber Survey; Directory of World Man-Made Fiber Producers (81-120)
JULY	Special Feature: "World Man-Made Fiber Data in Pounds" (121-140)
AUGUST	Special Feature: "Import Update" (141-154)
SEPTEMBER	Annual U.S. End Use Summary (155-176)
OCTOBER	Special Feature: "The U.S. Textile Trade Balance: An Overview" (177-192)
NOVEMBER	1984 Listing of U.S. Man-Made Fiber Producers (193-208)
DECEMBER	Special Feature: "World Natural Fiber Review"; Producing Capacity of the U.S. Man-Made Fiber Industry (209-228)

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Textile Organon

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MONTHLY REVIEW

Highlights

Total Shipments of Noncellulosic Staple+Tow Fell ½% in 1984 . . . see page 16.

Total Shipments of Noncellulosic Yarn+Monofilaments fell 2% in 1984 . . . see page 16.

Total Shipments of Nylon Carpet Yarn Rose 4% in 1984 . . . see page 16.

Textile Organon Features:

Capacity Utilization Review . . . begins on page 4.
Import Update . . . begins on page 10.
Annual Shipment Summary . . . begins on page 16.

A record was set in December as more pounds of olefin yarn+monofilaments were shipped than in any other month in history.

December shipments of nylon carpet yarn fell to the lowest level since July, while shipments of nylon textile yarn fell to the lowest level of the year.

Shipments in December of polyester textile yarn fell to the lowest level in nearly half a year, while shipments of nylon industrial yarn fell to the lowest level of the year.

Acrylic+modacrylic staple+tow shipments rose, although staple+tow shipments of nylon, polyester and olefin+vinyon fell in December.

(See Annual Shipment Summary on page 16).

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & PERCENT

ITEM	1984			1983		YEAR TO DATE		
	DEC	NOV	%[a]	DEC	%[b]	1984	1983	%[c]
YARN+MONOFILAMENTS								
ACETATE	**12.2**	**13.6**	*-10.3*	**17.9**	*-31.8*	**198.3**	**225.8**	*-12.2*
NYLON[d] - INDUSTRIAL	31.0	33.1	-6.3	27.4	+13.1	375.1	318.1	+17.9
- LOW DENIER INDUSTRIAL	2.2	2.9	-24.1	4.2	-47.6	34.0	35.5	-4.2
- CARPET	62.6	63.5	-1.4	69.9	-10.4	794.9	762.6	+4.2
- TEXTILE	24.1	30.2	-20.2	30.9	-22.0	353.0	381.4	-7.4
POLYESTER - INDUSTRIAL	22.4	25.0	-10.4	24.8	-9.7	313.1	307.6	+1.8
- LOW DENIER INDUSTRIAL	3.3	1.5	+120.0	2.1	+57.1	24.8	26.0	-4.6
- TEXTILE	69.4	76.3	-9.0	92.8	-25.2	860.2	1027.1	-16.2
OLEFIN	74.0	73.3	+0.9	65.5	+13.0	743.7	714.2	+4.1
TOTAL NONCELLULOSIC ABOVE	**289.0**	**305.8**	-5.5	**317.6**	-9.0	**3498.8**	**3572.5**	-2.1
STAPLE+TOW+FIBERFILL								
RAYON	**25.7**	**30.9**	*-16.8*	**32.3**	*-20.4*	**384.0**	**377.4**	*+1.7*
NYLON[d]	61.7	65.7	-6.1	68.8	-10.3	831.3	911.2	-8.8
ACRYLIC+MODACRYLIC	50.5	49.4	+2.2	50.6	-0.2	666.2	654.7	+1.7
POLYESTER	182.7	191.6	-4.6	187.0	-2.3	2192.4	2197.8	-0.2
OLEFIN+VINYON	20.7	21.5	-3.7	19.6	+5.6	246.7	189.7	+30.0
TOTAL NONCELLULOSIC ABOVE	**315.6**	**328.2**	-3.8	**326.0**	-3.2	**3936.6**	**3953.4**	-0.4

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

JANUARY, 1985

A MONTHLY REVIEW

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DATAGRAM

Imports surge--

Based on third quarter 1984 results, import penetration of the U.S. apparel market rose to 50.9%, up from 41.4% in the second quarter. During third quarter 1983, imports claimed a 38.4% share of the market.

Between second and third quarters, imports rose 23½%, as available supply rose by just ½%.

Domestic output of fiber and fabric fell dramatically during the quarter.

More specifically--

- Cotton fabric shipments from U.S. mills seriously eroded in the third quarter, falling over 11% from second quarter 1984.
- Man-made fiber domestic shipments fell over 15%.
- Woolen fabric from U.S. mills fell 34½% in the third quarter.

Yet in the face of declining domestic output, imports into the apparel market surged--

- Cotton imports grew by 20%, and
- Man-made fiber imports grew by 21%, and
- Imports of woolen textiles rose over 86%.

What's driving imports higher? Garments.

During the third quarter, garment imports totaled 491 million pounds, or just over 66% of all textile imports into the apparel market. This compares to second quarter, when garment imports total 356 million pounds and accounted for 59% of all textile imports into the apparel market.

U.S. noncellulosic utilization rates drop

Based on year-end production data and November 1984 Capacity Survey results, the capacity utilization rate in 1984 for noncellulosic fiber declined to 79%, down from the 1983 rate of 80.4%.

Certain products performed well, whereas others struggled.

Examples of higher capacity utilization rates in 1984--

- Nylon Carpet Yarn posted an 86.8% utilization rate, compared to 80.2% in 1983.
- Nylon Industrial Yarn jumped to an 86.7% rate in 1984, up from 71.6% in 1983.
- Polyester Industrial Yarn rose to 92.4% for 1984, compared with a utilization rate of 88.7% in 1983.

But these products did not fair as well--

- Polyester Textile Yarn posted a 76.1% utilization rate, down from 90.6% in 1983, and
- Nylon Staple fell to a rate of 79.2%, down from the 1983 utilization rate of 91.0%

Capacity Utilization Review

Editor's Note — *Where 1983 proved to be a strong recovery year in terms of capacity utilization, 1984 showed signs of a modest decline. In 1983, noncellulosic fibers maintained a capacity utilization rate of just over 80%, but in 1984 these fibers registered a rate just over 79%.*

Although noncellulosic fiber production fell by almost 1% from 1983 to 1984, noncellulosic fiber capacity grew by 1%, the largest single-year increase since 1979

During the period covered in this **Feature**, *1970-1984, several significant trends surfaced, such as the continued steady growth of glass fiber production from 1970 (an increase of 150% by 1983) and the dramatic reversal of cellulosic fibers from three consecutive years of declining production to an increase of nearly 8% in 1983.*

It should be stressed that since 1970, growth in noncellulosic fiber capacity has fallen; from a high of 18% growth in 1972, to the marginal growth in 1984 of 1%. However, capacity utilization rates remained relatively stable at the 70%-80% range.

Six tables and one graph comprise the data base for this report: Review of Production, Producing Capacity & Capacity Utilization; Summary of Annual Production (1970-1984); Production of Noncellulosic, Cellulosic & Glass Fibers as a Percentage of Total Man-Made Fiber Production; Summary of Producing Capacities (1970-1984); Producing Capacity of Noncellulosic, Cellulosic & Glass Fibers as a Percentage of Total Man-Made Fiber Capacity; and Summary of Capacity Utilization Rates (1970-1984).

Review of Production, Producing Capacity & Capacity Utilization ties the three major components of this report- production, producing apacity & capacity utilization- into one table for easy reference and comprehension. The page opposite depicts this summary graphically.

For the purpose of the report, **November** Textile Economics Bureau capacity survey data are used as the annual capacity figures.

The tables on pages 7 and 8 present the capacity data for 1970-1984.

In similar fashion, the tables on pages 6 and 7 list the production data for the same period.

The table on page 9 gives the capacity utilization rates by individual as well as generic fiber type.

TABLE 2: REVIEW OF PRODUCTION, PRODUCING CAPACITY & CAPACITY UTILIZATION

MILLION POUNDS & Percent

FIBER TYPE	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
NONCELLULOSIC														
PRODUCTION	4,283	5,346	6,297	6,212	5,875	6,615	7,312	7,768	8,418	7,874	7,982	6,442	7,534	7,473
CAPACITY	5,397	6,376	7,022	7,756	8,420	9,116	9,352	9,555	9,784	9,627	9,696	9,334	9,367	9,460
UTILIZATION (%)	*79.4*	*83.8*	*89.7*	*80.1*	*69.8*	*72.6*	*78.2*	*81.3*	*86.0*	*81.8*	*82.3*	*69.0*	*80.4*	*79.0*
CELLULOSIC														
PRODUCTION	1,391	1,394	1,357	1,199	749	841	888	905	930	806	770	584	630	NA
CAPACITY	1,615	1,513	1,493	1,373	1,239	1,193	1,063	1,086	1,109	909	898	895	845	845
UTILIZATION (%)	*86.1*	*92.1*	*90.9*	*87.3*	*60.5*	*70.5*	*83.5*	*83.3*	*83.9*	*88.7*	*85.7*	*65.2*	*74.5*	*NA*
GLASS FIBER														
PRODUCTION	468	572	688	683	547	676	787	923	1,014	867	1,041	899	1,169	NA
CAPACITY	696	721	737	821	909	893	1,002	1,118	1,305	1,473	1,561	1,718	1,618	1,743
UTILIZATION (%)	*67.2*	*79.3*	*93.3*	*83.2*	*60.2*	*75.7*	*78.5*	*82.6*	*77.7*	*58.9*	*66.7*	*52.3*	*72.2*	*NA*
TOTAL MAN-MADE FIBERS (incl. Glass)														
PRODUCTION	6,142	7,312	8,342	8,094	7,171	8,132	8,987	9,596	10,362	9,547	9,793	7,925	9,333	NA
CAPACITY	7,708	8,610	9,252	9,950	10,568	11,202	11,417	11,759	12,196	12,009	12,155	11,947	11,830	12,048
UTILIZATION (%)	*79.7*	*84.9*	*90.2*	*81.3*	*67.9*	*72.6*	*78.7*	*81.6*	*84.9*	*79.5*	*80.6*	*66.3*	*78.9*	*NA*
TOTAL MAN-MADE FIBERS (excl. Glass)														
PRODUCTION	5,674	6,740	7,654	7,411	6,624	7,456	8,200	8,673	9,348	8,680	8,752	7,026	8,164	NA
CAPACITY	7,012	7,889	8,515	9,129	9,659	10,309	10,415	10,641	10,893	10,536	10,594	10,229	10,212	10,305
UTILIZATION (%)	*80.9*	*85.4*	*89.9*	*81.2*	*68.6*	*72.3*	*78.7*	*81.5*	*85.8*	*82.4*	*82.6*	*68.7*	*79.9*	*NA*

NA means not available.

GRAPH 1: NONCELLULOSIC FIBER PRODUCTION, CAPACITY & CAPACITY UTILIZATION

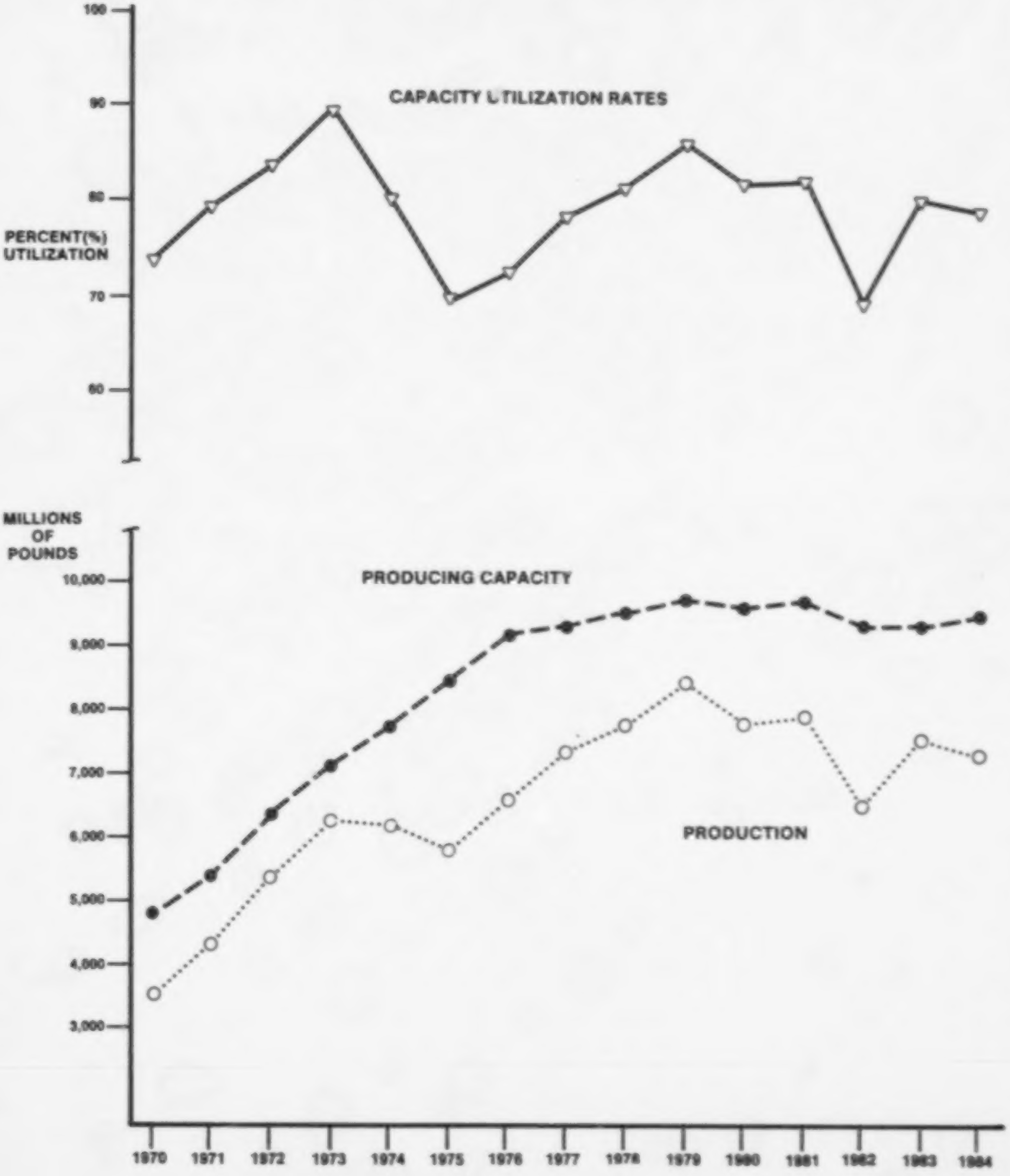


TABLE 3: SUMMARY OF ANNUAL PRODUCTION (1970-1984)

MILLION POUNDS

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			
YEAR	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	TOTAL CELL.
1970	268	463	731	607	35	642	**1,373**
1971	304	449	753	612	26	638	**1,391**
1972	252	401	653	713	28	741	**1,394**
1973	198	437	635	697	25	722	**1,357**
1974	172	362	534	645	20	665	**1,199**
1975	65	301	366	371	12	383	**749**
1976	68	287	355	475	11	486	**841**
1977	71	282	353	527	8	535	**888**
1978	62	301	363	535	7	542	**905**
1979	57	317	374	549	7	556	**930**
1980	47	309	356	443	7	450	**806**
1981	48	257	305	461	4	465	**770**
1982	33	195	228	355	1	356	**584**
1983	26	228	254	375	1	376	**630**
1984	NA	198	NA	389	NA	NA	**NA**

	NONCELLULOSIC FIBERS															
	YARN+MONOFILAMENTS									STAPLE+TOW						
	NYLON+ARAMID[a]				POLYESTER											
YEAR	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL	OLEFIN	TOTAL YARN	NYLON+ ARAMID[a]	POLY-ESTER	ACRYLIC+ MODACR.	OLEFIN+ VINYON	TOTAL STAPLE	TOTAL NON-CELL.	GLASS FIBER
1970				1,138			441	200	1,779	217	1,022	492	62	1,793	**3,572**	467
1971	DETAIL			1,238	DETAIL		678	262	2,178	357	1,143	545	60	2,105	**4,283**	468
1972	NOT			1,464	NOT		952	347	2,763	511	1,376	626	70	2,583	**5,346**	572
1973	AVAILABLE			1,583	AVAILABLE		1,320	424	3,327	592	1,568	742	68	2,970	**6,297**	688
1974				1,560			1,408	463	3,431	564	1,518	631	68	2,781	**6,212**	683
1975	348	417	531	1,296	271	1,188	1,459	443	3,198	562	1,536	525	54	2,677	**5,875**	547
1976	390	429	554	1,373	342	1,063	1,405	516	3,294	703	1,936	621	61	3,321	**6,615**	676
1977	401	457	654	1,512	360	1,232	1,592	554	3,658	814	2,050	709	81	3,654	**7,312**	787
1978	438	503	713	1,654	355	1,209	1,564	597	3,815	896	2,236	726	95	3,953	**7,768**	923
1979	499	528	755	1,782	373	1,342	1,715	639	4,136	939	2,462	761	120	4,282	**8,418**	1,014
1980	437	466	728	1,631	286	1,176	1,462	632	3,725	727	2,527	779	116	4,149	**7,874**	867
1981	410	461	710	1,581	309	1,257	1,566	643	3,790	752	2,607	691	142	4,192	**7,982**	1,041
1982	315	354	573	1,242	292	921	1,213	585	3,040	685	1,955	624	138	3,402	**6,442**	890
1983	315	415	762	1,492	299	1,060	1,359	716	3,567	926	2,184	671	186	3,967	**7,534**	1,169
1984	379	394	804	1,577	316	884	1,200	748	3,525	835	2,192	671	250	3,948	**7,473**	NA

NA means not available.

[a] 1983 and 1984 exclude Aramid.

Rayon yarn includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments.

Acetate includes diacetate and triacetate. The acetate staple+tow data do not include poundages of tow for cigarette filtration.

Olefin includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 4: PRODUCTION OF NONCELLULOSIC, CELLULOSIC & GLASS FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER PRODUCTION

MILLION POUNDS & *Percent*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	GLASS FIBER	%	TOTAL MAN-MADE FIBER	%
1970	3,572	*66.0*	1,373	*25.4*	467	*8.6*	5,412	*100.0*
1971	4,283	*69.7*	1,391	*22.7*	468	*7.6*	6,142	*100.0*
1972	5,346	*73.1*	1,394	*19.1*	572	*7.8*	7,312	*100.0*
1973	6,297	*75.5*	1,357	*16.3*	688	*8.2*	8,342	*100.0*
1974	6,212	*76.7*	1,199	*14.8*	683	*8.5*	8,094	*100.0*
1975	5,875	*81.9*	749	*10.5*	547	*7.6*	7,171	*100.0*
1976	6,615	*81.4*	841	*10.3*	676	*8.3*	8,132	*100.0*
1977	7,312	*81.4*	888	*9.9*	787	*8.7*	8,987	*100.0*
1978	7,768	*80.9*	905	*9.5*	923	*9.6*	9,596	*100.0*
1979	8,418	*81.2*	930	*9.0*	1,014	*9.8*	10,362	*100.0*
1980	7,874	*82.5*	806	*8.4*	867	*9.1*	9,547	*100.0*
1981	7,982	*81.5*	770	*7.9*	1,041	*10.6*	9,793	*100.0*
1982	6,442	*81.3*	584	*7.4*	899	*11.3*	7,925	*100.0*
1983	7,534	*80.7*	630	*6.8*	1169	*12.5*	9,333	*100.0*
1984	7,473	*NA*	NA	*NA*	NA	*NA*	NA	*100.0*

TABLE 5: PRODUCING CAPACITY OF NONCELLULOSIC, CELLULOSIC & GLASS FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER CAPACITY

MILLION POUNDS & *Percent*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	GLASS FIBER	%	TOTAL MAN-MADE FIBER	%
1970	4,844	*67.2*	1,713	*23.7*	657	*9.1*	7,214	*100.0*
1971	5,397	*70.0*	1,615	*21.0*	696	*9.0*	7,708	*100.0*
1972	6,376	*74.0*	1,513	*17.6*	721	*8.4*	8,610	*100.0*
1973	7,022	*75.9*	1,493	*16.1*	737	*8.0*	9,252	*100.0*
1974	7,756	*77.9*	1,373	*13.8*	821	*8.3*	9,950	*100.0*
1975	8,420	*79.7*	1,239	*11.7*	909	*8.6*	10,568	*100.0*
1976	9,116	*81.4*	1,193	*10.6*	893	*8.0*	11,202	*100.0*
1977	9,352	*81.9*	1,063	*9.3*	1,002	*8.8*	11,417	*100.0*
1978	9,555	*81.3*	1,086	*9.2*	1,118	*9.5*	11,759	*100.0*
1979	9,784	*80.2*	1,109	*9.1*	1,305	*10.7*	12,198	*100.0*
1980	9,627	*80.2*	909	*7.5*	1,473	*12.3*	12,009	*100.0*
1981	9,696	*79.8*	898	*7.4*	1,561	*12.8*	12,155	*100.0*
1982	9,334	*78.1*	895	*7.5*	1,718	*14.4*	11,947	*100.0*
1983	9,367	*79.2*	845	*7.1*	1,618	*13.7*	11,830	*100.0*
1984	9,460	*78.5*	845	*7.0*	1,743	*14.5*	12,048	*100.0*

TABLE 6: SUMMARY OF PRODUCING CAPACITIES (1970-1984)

MILLION POUNDS

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL CELL.
YEAR[a]	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1970	360	494	854	819	40	859	**1,713**
1971	337	490	827	757	31	788	**1,615**
1972	235	486	721	761	31	792	**1,513**
1973	224	473	697	768	28	796	**1,493**
1974	172	449	621	724	28	752	**1,373**
1975	100	384	484	737	18	755	**1,239**
1976	85	399	484	691	18	709	**1,193**
1977	85	315	400	655	8	663	**1,063**
1978	83	330	413	665	8	673	**1,086**
1979	75	355	430	671	8	679	**1,109**
1980	63	324	387	514	8	522	**909**
1981	52	332	384	509	5	514	**898**
1982	63	318	381	510	4	514	**895**
1983	63	268	331	510	4	514	**845**
1984	63	268	331	510	4	514	**845**

	NONCELLULOSIC FIBERS															
	YARN+MONOFILAMENTS									STAPLE+TOW					TOTAL NON-CELL.	GLASS FIBER
	NYLON+ARAMID[b]				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID[b]	POLY-ESTER	ACRYLIC+ MODACR	OLEFIN+ VINYON	TOTAL STAPLE		
YEAR[a]	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL									
1970	480	569	428	1,477	294	316	610	335	2,422	280	1,370	659	113	2,422	**4,844**	667
1971	463	522	531	1,516	337	559	896	365	2,777	460	1,355	698	107	2,620	**5,397**	696
1972	469	559	626	1,654	364	892	1,256	432	3,342	602	1,571	754	107	3,034	**6,376**	721
1973	466	534	707	1,707	385	1,118	1,503	510	3,720	701	1,709	787	105	3,302	**7,022**	737
1974	494	552	770	1,816	405	1,351	1,756	600	4,172	757	1,899	824	104	3,584	**7,756**	821
1975	503	553	786	1,842	391	1,576	1,967	815	4,624	827	2,021	827	121	3,796	**8,420**	909
1976	519	552	787	1,858	442	1,701	2,143	861	4,862	910	2,355	869	120	4,254	**9,116**	893
1977	523	558	829	1,910	443	1,698	2,141	907	4,958	939	2,470	869	116	4,394	**9,352**	1,002
1978	510	565	908	1,983	443	1,643	2,086	915	4,984	1,023	2,554	865	129	4,571	**9,555**	1,118
1979	513	579	950	2,042	443	1,699	2,142	922	5,106	1,020	2,673	839	146	4,678	**9,784**	1,305
1980	515	551	910	1,976	400	1,637	2,037	900	4,913	991	2,759	830	134	4,714	**9,627**	1,473
1981	514	553	893	1,960	316	1,481	1,797	989	4,746	1,010	2,839	835	266	4,950	**9,696**	1,561
1982	474	513	925	1,912	338	1,265	1,603	1,038	4,553	978	2,700	832	271	4,781	**9,334**	1,718
1983	440	494	950	1,884	337	1,170	1,507	1,099	4,490	1,017	2,754	826	280	4,877	**9,367**	1,618
1984	437	470	926	1,833	342	1,162	1,504	1,142	4,479	1,054	2,784	807	336	4,981	**9,460**	1,743

a. All annual capacity data are as of November of that year.

b. 1983 and 1984 exclude Aramid.

The data do not include the poundages of acetate tow for cigarette filtration.

IND means industrial yarn and monofil, i.e., coarser than 500 denier with an Instron tenacity of 7 grams or more per denier.

CARP means bulked continuous filament yarn for carpets.

TEX means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

Olefin includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles and film fiber used for decorative or tying ribbon, etc. Olefin monofil includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated film.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 7: SUMMARY OF CAPACITY UTILIZATION RATES (1970-1984)

PERCENT (%)

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL CELL.
YEAR	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1970	74.4	93.7	85.6	74.1	87.5	74.7	**80.2**
1971	90.2	91.6	91.1	80.8	83.9	81.0	**86.1**
1972	107.2	82.5	90.6	93.7	90.3	93.6	**92.1**
1973	88.4	92.4	91.1	90.8	89.3	90.7	**90.9**
1974	100.0	80.6	86.0	89.1	71.4	88.4	**87.3**
1975	65.0	78.4	75.6	50.3	66.7	50.7	**60.5**
1976	80.0	71.9	73.3	68.7	61.1	68.5	**70.5**
1977	83.5	89.5	88.3	80.5	100.0	80.7	**83.5**
1978	74.7	91.2	87.9	80.5	87.5	80.5	**83.3**
1979	76.0	89.3	87.0	81.8	87.5	81.9	**83.9**
1980	74.6	95.4	92.0	86.2	87.5	86.2	**88.7**
1981	92.3	77.4	79.4	90.6	80.0	90.5	**85.7**
1982	52.4	61.3	59.8	69.6	25.0	69.3	**65.2**
1983	41.3	85.1	76.7	73.5	25.0	73.1	**74.5**
1984	NA	73.9	NA	76.3	NA	NA	**NA**

	NONCELLULOSIC FIBERS																TOTAL NON-CELL.	GLASS FIBER
	YARN+MONOFILAMENTS									STAPLE+TOW								
	NYLON+ARAMID[a]				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID[a]	POLY-ESTER	ACRYLIC+ MODACR.	OLEFIN+ VINYON	TOTAL STAPLE				
YEAR	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL											
1970				77.0			72.3	59.7	73.5	77.5	74.6	74.7	54.9	74.0			**73.7**	71.1
1971	DETAIL			81.7	DETAIL		75.7	71.8	78.4	77.6	84.4	78.1	56.1	80.3			**79.4**	67.2
1972	NOT			88.5	NOT		75.8	80.3	82.7	84.9	87.6	83.0	65.4	85.1			**83.8**	79.3
1973	AVAILABLE			92.7	AVAILABLE		87.8	83.1	89.4	84.5	91.7	94.3	64.8	89.9			**89.7**	93.3
1974				85.9			80.2	77.2	82.2	74.5	79.9	76.6	65.4	77.6			**80.1**	83.2
1975	69.2	75.4	67.6	70.4	69.3	75.4	74.2	54.4	69.2	68.0	76.0	63.5	44.6	70.5			**69.8**	60.2
1976	75.1	77.7	70.4	73.9	77.4	62.5	65.6	59.9	67.7	77.3	82.2	71.5	50.8	78.1			**72.6**	75.7
1977	76.7	81.9	78.9	79.2	81.3	72.6	74.4	61.1	73.8	86.7	83.0	81.6	69.8	83.2			**78.2**	78.5
1978	85.9	89.0	78.5	83.4	80.1	73.6	75.0	65.2	76.5	87.6	87.5	83.9	73.6	86.5			**81.3**	82.6
1979	97.3	91.2	79.5	87.3	84.2	79.0	80.1	69.3	81.0	92.1	92.1	90.7	82.2	91.5			**86.0**	77.7
1980	84.9	84.6	80.0	82.5	71.5	71.8	71.8	70.2	75.8	73.4	91.6	93.9	86.6	88.0			**81.8**	58.9
1981	79.8	83.4	79.5	80.7	97.8	84.9	87.1	65.0	79.9	74.5	91.8	82.8	53.4	84.7			**82.3**	66.7
1982	66.4	69.0	61.9	64.9	86.4	72.8	75.7	56.3	66.8	70.0	72.4	75.0	50.9	71.1			**69.0**	52.3
1983	71.6	84.0	80.2	79.2	88.7	90.6	90.2	65.1	79.4	91.0	79.3	81.2	66.4	81.3			**80.4**	72.2
1984	86.7	83.8	86.8	86.0	92.4	76.1	79.8	65.5	78.7	79.2	78.7	83.1	74.4	79.3			**79.0**	NA

NA means not available.

a. 1983 and 1984 exclude Aramid.

All percentages are tabulated using the tables on pages 6 and 8.

IMPORT UPDATE

APPAREL IMPORTS CONTINUE TO RISE

Editor's Note -- This report (pages 11-15) represents the continuing effort on the part of the Textile Economics Bureau to monitor the apparel import situation on a quarterly basis. For this report, three quarters of 1984 are covered. In addition, quarterly data for 1983 and revised annual data for 1981 and 1982 are provided for the first time.

The quarterly tables presented in this report include some estimated data. These estimated data reflect results obtained through extensive examination of primary market information and discussions with various market sources close to the import situation. As with previous import reports in the ***Textile Organon****, the annual and quarterly data are subject to revision as new and more complete information become available.*

GENERAL ANALYSIS

For three quarters of 1984, imports claimed nearly 45% of the U.S. apparel market. Compared to three quarters of 1983-- when imports claimed nearly 35%--the 1984 results are indicative of the U.S. apparel market becoming more import oriented.

As listed in the percent-change table opposite, domestic output in the cotton and man-made fiber sectors of the apparel market has fallen significantly, while imported textiles into these sectors have risen greatly.

When comparing three quarters 1983 to three quarters 1984, domestic production of cotton apparel fabric from U.S. mills has declined 11-1/2%, while imports of cotton yarn, fabric and garments have increased 33-1/3%.

The situation is similar for man-made fiber: domestic shipments of fiber for apparel uses declined nearly 14% while imports of man-made fiber/yarn, fabric and garments have increased nearly 28-1/2%.

As can be seen with graph 2, during the third quarter of 1984, imports claimed nearly 51% of the total apparel market, the highest level on record. This compares to the third quarter 1983 level of 38-1/2%. The import share for the first two quarters of 1984 were, respectively, 41.6% and 41.4% compared to 32.7% and 32.4% for the corresponding quarters of 1983.

THE QUARTER IN REVIEW

COTTON. As has been the case over time, the cotton sector of the U.S. apparel market has absorbed the brunt of imports. For three quarters of 1984, nearly 50% of all apparel imports were primarily cotton. This compares to the man-made fiber and wool levels of 45% and 5%, respectively.

The available supply in the cotton sector rose from the second quarter 589 million pounds to 615 million pounds in the third quarter, a 4-1/2% rise. As illustrated in graph 3, this increase in available supply resulted from greatly increased imports, and is significant, for domestic fabric output declined during the third quarter. For the first time, on a poundage basis, imports of cotton yarn, fabric and garments exceeded domestic production of cotton fabric for apparel.

Although garments in the past have been the driving force behind the increased growth of cotton textile imports, improved cotton fabrics became a more significant component of the import situation in 1984. When comparing three quarters 1983 to three quarters 1984, imported cotton fabrics grew nearly 46%, and amounted to 33% of cotton textile imports, up from 30% for three quarters 1983.

MAN-MADE FIBER. During the third quarter of 1984, the man-made fiber sector absorbed the highest level of imports on record: 332 million pounds. For the second quarter of 1984, these imports totaled 275 million pounds, and for the third quarter of 1983, these imports stood at 265 million pounds.

The import share of the man-made fiber sector stood at nearly 43-1/2% for the third quarter, up from the 34.4% for the second quarter, as compared to the 31.7% level recorded during third quarter 1983.

As with cotton, the man-made fiber sector of the U.S. apparel market has suffered from declining domestic output in the face of increasing imports. In the past, garment imports have been the dominant element in man-made fiber textile imports, but in 1984 imported man-made fiber fabrics became a more signficant factor. As graph 4 depicts, third quarter 1984 domestic shipments fell to 500 million pounds, the lowest domestic shipment level for 1983-1984, while imports grew to 332 million pounds, the highest import level for 1983-1984. Assuming imports will continue to rise and domestic output fall, it is possible that imports, on a poundage basis, will overtake domestic production in the future.

WOOL. Imports claimed a larger portion of the apparel wool sector during the third quarter of 1984 due to declining domestic mill production and rising imports. For third quarter domestic production of woolen apparel fabric stood at 19 million pounds, 34-1/2% below the second quarter level of 29 million pounds.

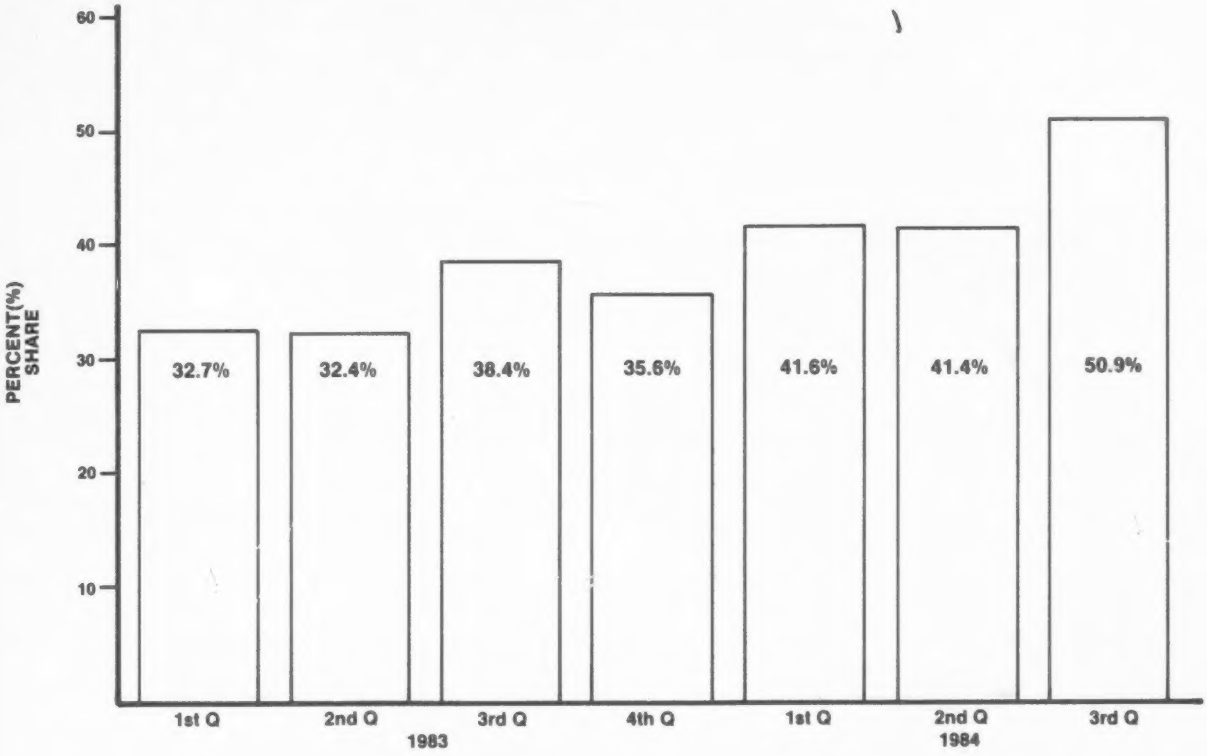
Imports rose from 29 million pounds in the second quarter to 54 million pounds in the third quarter, an increase of 86%.

Because of the decline in domestic production by U.S. mills, imports increased market share from 51% in the second quarter to 75% in the third quarter.

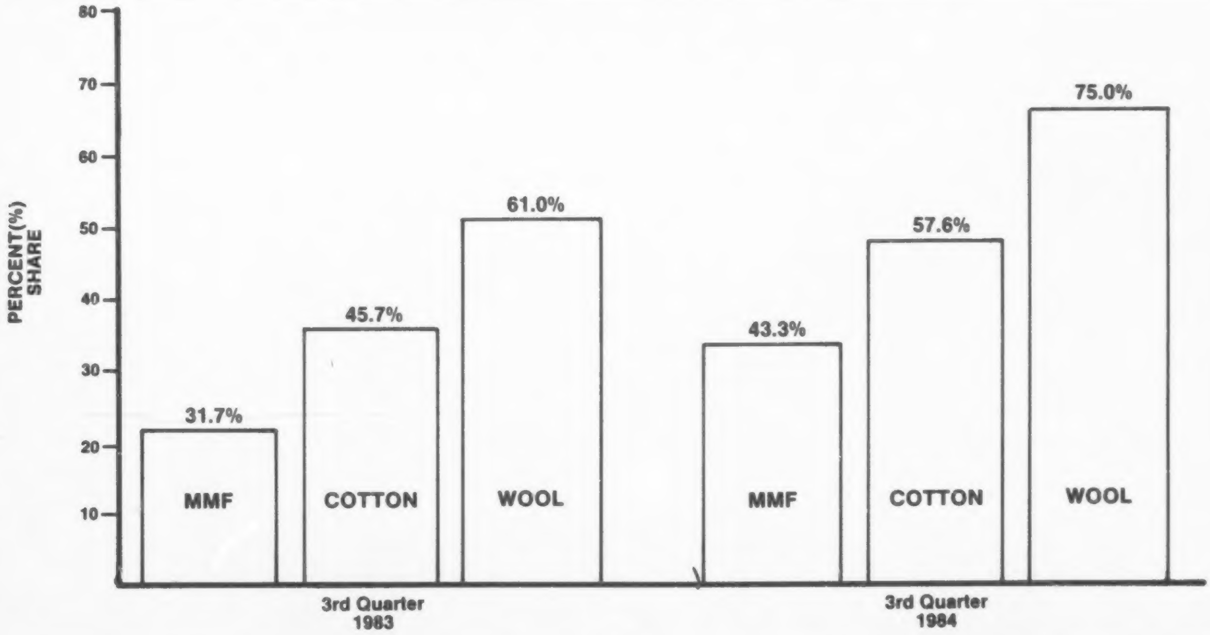
ITEM	3 QUARTERS 1983			3 QUARTERS 1984			% CHANGE 1983 to 1984		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON									
IMPORTS OF YARN FOR APPAREL	28	28		46	46		+64.3	+64.3	
+IMPORTS OF FABRIC FOR APPAREL	222	222		324	324		+45.9	+45.9	
+FABRIC FROM U.S. MILLS	1065				942			-11.5	
ORGANON END USE SURVEY-COTTON APPAREL	1315	250		1312	370		-0.2	+48.0	
+IMPORTS OF GARMENTS	482	482		606	606		+25.7	+25.7	
-EXPORTS OF GARMENTS	53			53			--		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1744**	**732**	*42.0*	**1865**	**976**	*52.3*	**+6.9**	**+33.3**	**+10.3**
MAN-MADE FIBERS									
DOMESTIC SHIPMENTS FOR APPAREL	1942			1671			-13.9		
+IMPORTS OF FIBER/YARN FOR APPAREL	161	161		227	227		+41.0	+41.0	
+IMPORTS OF FABRIC FOR APPAREL	91	91		108	108		+18.7	+18.7	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS	140			134			-4.3		
ORGANON END USE SURVEY - MMF APPAREL	2054	252		1872	335		-8.9	+32.9	
+IMPORTS OF GARMENTS	442	442		556	556		+25.8	+25.8	
-EXPORTS OF GARMENTS	52			60			+15.4		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**2444**	**694**	*28.4*	**2368**	**891**	*37.6*	**-3.1**	**+28.4**	**+9.2**
WOOL									
IMPORTS OF YARN FOR APPAREL	6	6		11	11		+83.3		
+IMPORTS OF FABRIC FOR APPAREL	24	24		33	33		+37.5		
+FABRIC FROM U.S. MILLS	83			84			+1.2		
ORGANON END USE SURVEY-WOOL APPAREL	113	30		128	44		+13.3	+46.7	
+IMPORTS OF GARMENTS	45	45		60	60		+33.3	+33.3	
-EXPORTS OF GARMENTS	3			3			--		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**155**	**75**	*48.4*	**185**	**104**	*56.2*	**+19.3**	**+38.7**	**+7.8**
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**4343**	**1501**	*34.6*	**4418**	**1971**	*44.6*	**-1.7**	**+31.3**	**+10.0**

See tables on pages 14 and 15.

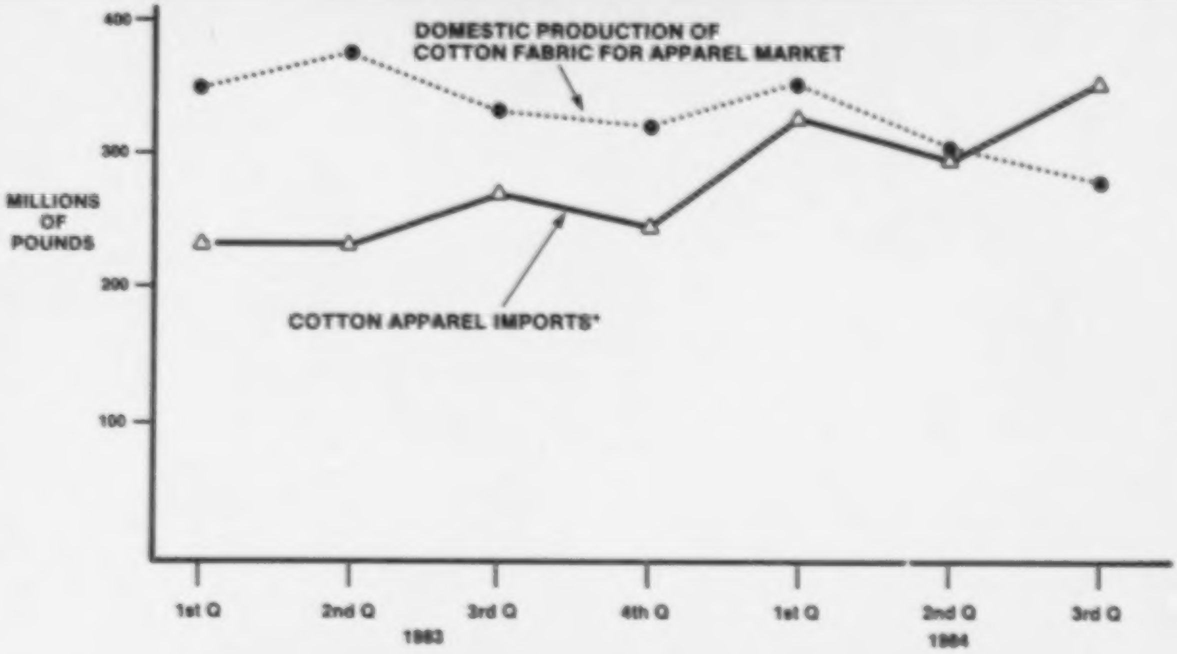
GRAPH 2: A COMPARISON: 1983 VERSUS 1984
IMPORT SHARE OF THE U.S. APPAREL MARKET



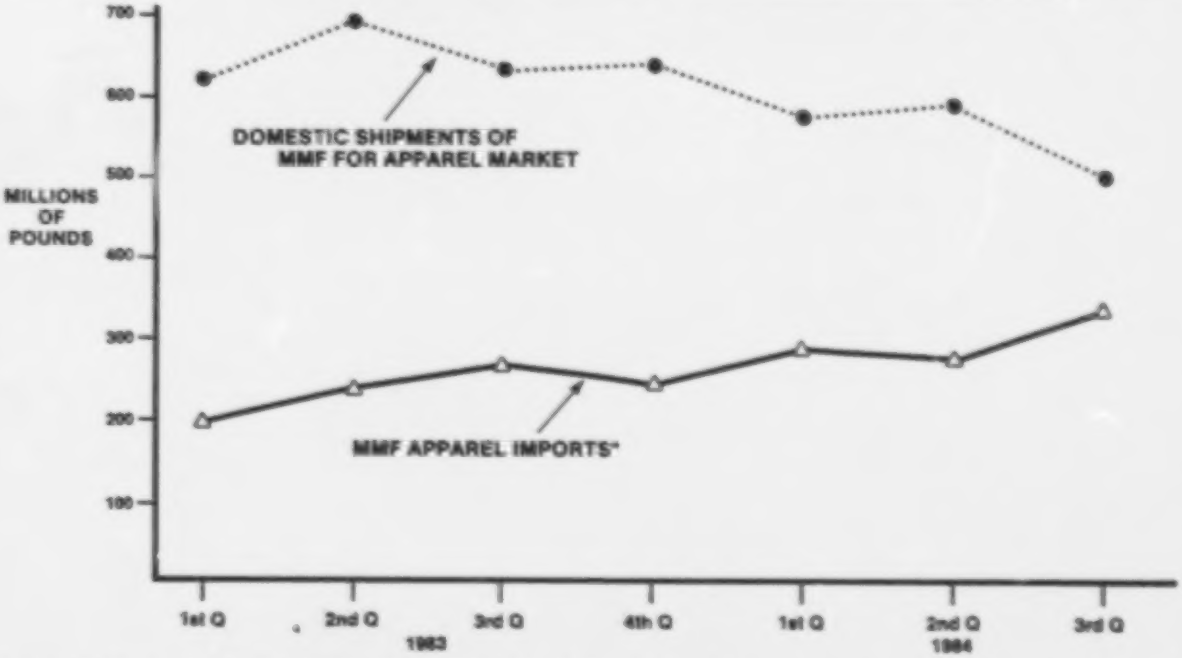
QUARTERLY DETAIL: THREE SECTORS OF THE U.S. APPAREL MARKET



GRAPH 3: COTTON APPAREL IMPORTS* VERSUS DOMESTIC PRODUCTION OF COTTON FABRIC FOR THE U.S. APPAREL MARKET



GRAPH 4: MAN-MADE FIBER APPAREL IMPORTS* VERSUS DOMESTIC SHIPMENTS OF MAN-MADE FIBER FOR THE U.S. APPAREL MARKET



* IMPORTS OF YARN, FABRIC & GARMENTS INTO THE U.S. APPAREL MARKET.

TABLE 8: ESTIMATES OF THE APPAREL MARKET IN THE U.S. AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1980			1981			1982			1983			3 QUARTERS 1984		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON															
IMPORTS OF YARN FOR APPAREL[a]	19	19		24	24		29	29		42	42		46	46	
+IMPORTS OF FABRIC FOR APPAREL[a,b]	168	168		280	280		227	227		312	312		324	324	
+FABRIC FROM U.S. MILLS	1465			1291			1255			1387			942		
ORGANON END USE SURVEY-COTTON APPAREL[c]	1652	187		1595	304		1511	256		1741	354		1312	370	
+IMPORTS OF GARMENTS[a]	464	464		504	504		511	511		623	623		606	606	
-EXPORTS OF GARMENTS[a]	181			123			80			72			53		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1935**	**651**	*33.6*	**1976**	**808**	*40.9*	**1942**	**767**	*39.5*	**2292**	**977**	*42.6*	**1865**	**976**	*52.3*
MAN-MADE FIBERS															
DOMESTIC SHIPMENTS FOR APPAREL[d]	3146			2808			2369			2580			1671		
+IMPORTS OF FIBER/YARN FOR APPAREL[e]	84	84		172	172		149	149		237	237		227	227	
+IMPORTS OF FABRIC FOR APPAREL[a,f]	73	73		90	90		90	90		121	121		108	108	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS[a]	352			319			215			184			134		
ORGANON END USE SURVEY - MMF APPAREL[c]	2951	157		2751	262		2393	239		2754	358		1872	335	
+IMPORTS OF GARMENTS[a]	379	379		437	437		487	487		576	576		556	556	
-EXPORTS OF GARMENTS[a]	127			121			75			71			60		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**3203**	**536**	*16.7*	**3067**	**699**	*22.8*	**2805**	**726**	*25.9*	**3259**	**934**	*28.7*	**2368**	**891**	*37.6*
WOOL															
IMPORTS OF YARN FOR APPAREL[a]	4	4		5	5		8	8		8	8		11	11	
+IMPORTS OF FABRIC FOR APPAREL[a]	21	21		28	28		26	26		28	28		33	33	
+FABRIC FROM U.S. MILLS	100			115			93			117			84		
ORGANON END USE SURVEY-WOOL APPAREL[c]	125	25		148	33		127	34		153	36		128	44	
+IMPORTS OF GARMENTS[a]	42	42		42	42		46	46		59	59		60	60	
-EXPORTS OF GARMENTS[a]	5			5			3			3			3		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**162**	**67**	*41.4*	**185**	**75**	*40.5*	**170**	**80**	*47.1*	**209**	**95**	*45.4*	**185**	**104**	*56.2*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**5300**	**1254**	*23.7*	**5228**	**1582**	*30.3*	**4917**	**1573**	*32.0*	**5760**	**2006**	*34.8*	**4418**	**1971**	*44.6*

NOTE: All data are estimated based on the most current information available at press time, and are subject to revision.

[a] See page 39 of the March/April 1984 **Organon**.

[b] Total cotton fabric imports less estimated poundages for nonapparel uses.

[c] See page 159 of the September 1984 **Organon** as revised. First, second and third quarter data are estimated.

[d] Domestic shipments of man-made fibers used in calculating the apparel end uses shown on page 159 of the September 1984 **Organon**.

[e] Grand Total man-made fiber imports from page 29 of the February 1984 **Organon** less estimated poundages for nonapparel uses.

[f] Total man-made fiber fabric imports from page 39 of the March/April 1984 **Organon** less estimated poundages for nonapparel uses.

TABLE 9: ESTIMATES OF THE APPAREL MARKET IN THE U.S. AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1983															1984								
	1ST QUARTER			2ND QUARTER			3RD QUARTER			4TH QUARTER			YEAR			1ST QUARTER			2ND QUARTER			3RD QUARTER		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON																								
IMPORTS OF YARN FOR APPAREL*	8	8		8	8		12	12		14	14		42	42		19	19		15	15		12	12	
+IMPORTS OF FABRIC FOR APPAREL**	71	71		70	70		81	81		90	90		312	312		111	111		105	105		108	108	
+FABRIC FROM U.S. MILLS	350			377			338			322			1387			353			312			277		
ORGANON END USE SURVEY-COTTON APPAREL*	429	79		455	78		431	93		426	104		1741	354		483	130		432	120		397	120	
+IMPORTS OF GARMENTS*	152	152		154	154		176	176		141	141		623	623		197	197		175	175		234	234	
-EXPORTS OF GARMENTS*	18			17			18			19			72			19			18			16		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**563**	**231**	*41.0*	**592**	**232**	*39.2*	**589**	**269**	*45.7*	**548**	**245**	*44.7*	**2292**	**977**	*42.6*	**661**	**327**	*49.5*	**589**	**295**	*50.0*	**615**	**354**	*57.6*
MAN-MADE FIBERS																								
DOMESTIC SHIPMENTS FOR APPAREL*	613			697			632			638			2580			582			589			500		
+IMPORTS OF FIBER/YARN FOR APPAREL*	46	46		58	58		57	57		76	76		237	237		84	84		71	71		72	72	
+IMPORTS OF FABRIC FOR APPAREL**	26	26		33	33		32	32		30	30		121	121		32	32		36	36		40	40	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS*	47			49			44			44			184			43			45			46		
ORGANON END USE SURVEY - MMF APPAREL*	638	72		739	91		677	89		700	106		2754	358		655	116		651	107		566	112	
+IMPORTS OF GARMENTS*	123	123		143	143		176	176		134	134		576	576		168	168		168	168		220	220	
-EXPORTS OF GARMENTS*	18			17			17			19			71			20			20			20		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**743**	**195**	*26.2*	**865**	**234**	*27.0*	**836**	**265**	*31.7*	**815**	**240**	*29.4*	**3259**	**934**	*28.7*	**803**	**284**	*35.4*	**799**	**275**	*34.4*	**766**	**332**	*43.3*
WOOL																								
IMPORTS OF YARN FOR APPAREL*	2	2		2	2		2	2		2	2		8	8		3	3		4	4		4	4	
+IMPORTS OF FABRIC FOR APPAREL*	6	6		9	9		9	9		4	4		28	28		8	8		12	12		13	13	
+FABRIC FROM U.S. MILLS	28			29			26			34			117			36			29			19		
ORGANON END USE SURVEY-WOOL APPAREL*	36	8		40	11		37	11		40	6		153	36		47	11		45	16		36	17	
+IMPORTS OF GARMENTS*	7	7		13	13		25	25		14	14		59	59		10	10		13	13		37	37	
-EXPORTS OF GARMENTS*	*			*			3			*			3			1			1			1		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**43**	**15**	*34.9*	**53**	**24**	*45.3*	**59**	**36**	*61.0*	**54**	**20**	*37.0*	**209**	**95**	*45.4*	**56**	**21**	*37.5*	**57**	**29**	*50.9*	**72**	**54**	*75.0*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**1349**	**441**	*32.7*	**1510**	**490**	*32.4*	**1484**	**570**	*38.4*	**1417**	**505**	*35.6*	**5760**	**2006**	*34.8*	**1520**	**632**	*41.6*	**1445**	**599**	*41.4*	**1453**	**740**	*50.9*

See footnotes on page 14.

ANNUAL SHIPMENT SUMMARY

1984 "cools-off"--

If shipments are any indication, 1984 was not a year for big growth--at least as compared to 1983.

The U.S. man-made fiber industry witnessed a certain "cooling-off" of the business in 1984, as overall shipments fell slightly from 1983 levels.

The "cooling" trends are displayed on the page opposite, but more specifically--

- Acetate Yarn shipments fell over 12% in 1984, as compared to 1983 when shipments rose 13½%.
- Rayon Staple shipments rose nearly 2% in 1984, a positive achievement, but shipments grew by nearly 5% in 1983.
- Noncellulosic Yarn shipments fell over 2% in 1984, while in 1983 shipments rose by 15½%.
- Noncellulosic Staple shipments fell by nearly ½% in 1984, but in 1983 shipments rose 16%.

--But there were big winners

At the top of the list of big winners in 1984: Olefin. Yarn shipments were up 4% in 1984, and were nearly 26% ahead of the 1982 level. Staple+Tow shipments rose 30% in 1984, and were 71½% higher than the 1982 level.

--And big losers

Polyester textile yarn shipments suffered from an oversupplied and import-filled apparel market, while nylon staple shipments fell in 1984, as the carpet market softened in the second half of the year.

TABLE 10: TOTAL MAN-MADE FIBER SHIPMENTS

(MILLION POUNDS & Percent)

ITEM	1984	1983	%[a]	1982	%[b]	1981	%[c]
YARN+MONOFILAMENTS							
ACETATE	198.3	225.9	-12.2	198.8	-0.2	261.1	-24.0
NYLON[d] - INDUSTRIAL	375.1	318.1	+17.9	324.5	+15.6	402.9	-6.9
- LOW DENIER INDUSTRIAL	34.0	35.5	-4.2	29.5	+15.2	35.1	-3.1
- CARPET	794.6	762.6	+4.2	582.1	+36.5	677.0	+17.4
- TEXTILE	353.0	381.4	-7.4	331.6	+6.4	418.0	-15.5
POLYESTER - INDUSTRIAL	313.1	307.6	+1.8	288.0	+8.7	307.1	+1.9
- LOW DENIER INDUSTRIAL	24.8	26.0	-4.6	22.4	+10.7	27.6	-10.1
- TEXTILE	860.2	1027.1	-16.2	927.1	-7.2	1229.3	-30.0
OLEFIN	743.7	714.2	+4.1	592.3	+25.6	648.1	+14.7
TOTAL NONCELLULOSIC ABOVE	3498.5	3572.5	-2.1	3097.5	+12.9	3745.1	-6.6
STAPLE+TOW+FIBERFILL							
RAYON	405.0	398.4	+1.7	380.2	+6.6	456.7	-15.9
NYLON[d]	831.3	911.2	-8.8	689.9	+20.5	721.5	+15.2
ACRYLIC+MODACRYLIC	666.2	654.7	+1.7	632.2	+5.4	694.5	-4.1
POLYESTER	2192.4	2197.8	-0.2	1941.6	+12.9	2598.8	-15.6
OLEFIN+VINYON	246.7	189.7	+30.0	143.8	+71.5	133.5	+84.8
TOTAL NONCELLULOSIC ABOVE	3936.6	3953.4	-0.4	3407.5	+15.5	4148.3	-5.1

a. Percent change from 1983 to 1984.
b. Percent change from 1982 as compared to 1984 only.
c. Percent change from 1981 as compared to 1984 only.
d. 1983 and 1984 data for Nylon excludes Aramid but Aramid is included for prior years.
Also see footnotes on last page of this issue.

GRAPH 5: ANNUAL SHIPMENT COMPARISON

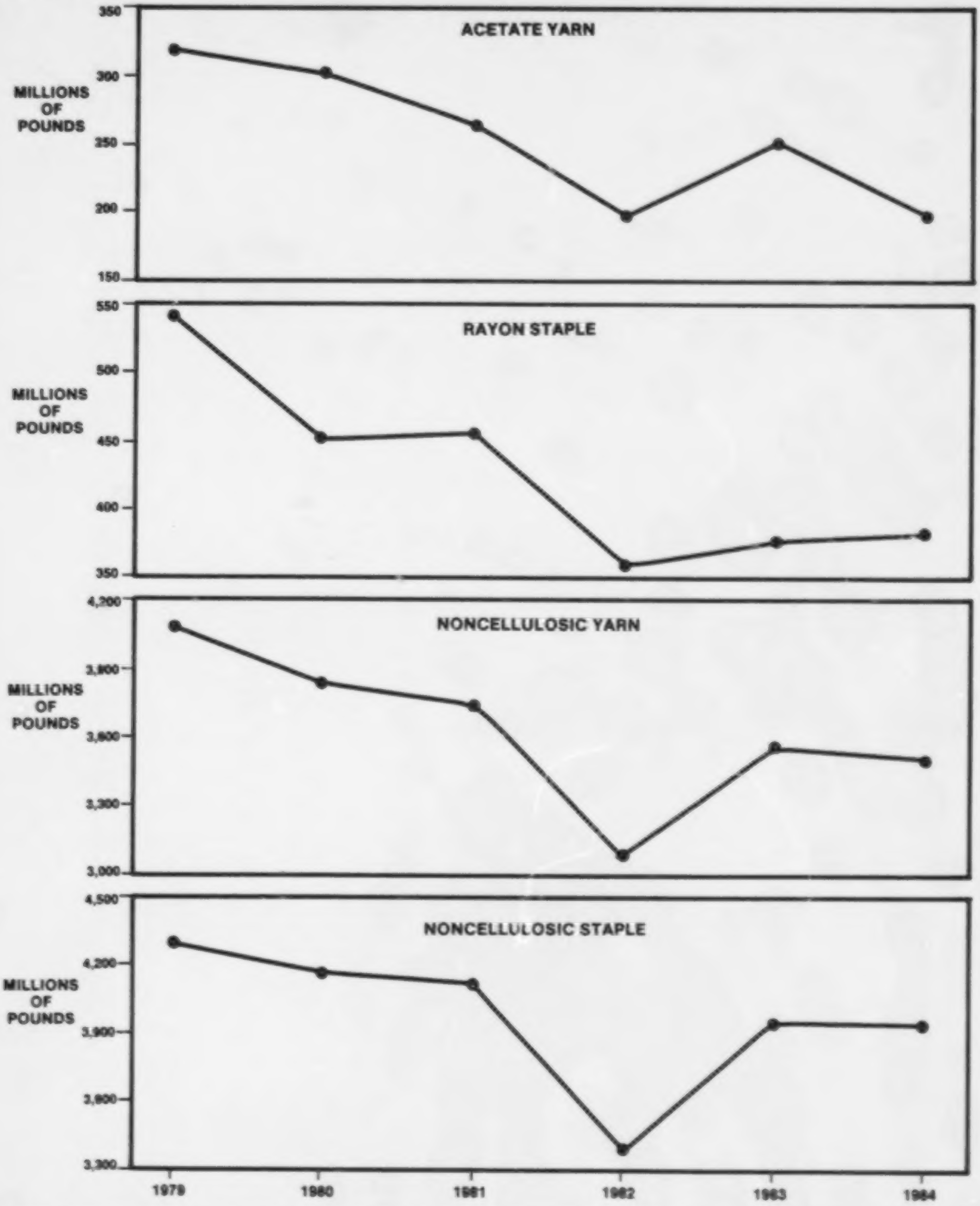


TABLE 11: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984												11 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6	0	2	84		152	321
CANADA	42	12	327	45	366	250	316	308	246	110	101		2123	1334
MEXICO	163	120	55	41	41	0	40	70	41	41	42		654	1036
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0		0	1330
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457	313	106	115		3621	2182
NETHERLANDS	28	40	40	57	49	24	65	53	99	3	26		484	503
UNITED KINGDOM	0	0	+	0	0	0	0	22	35	0	0		57	560
JAPAN	74	86	62	23	104	+	35	33	83	18	0		518	492
REP. OF KOREA	60	0	40	0	80	0	0	10	+	0	80		270	80
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375	15	0	4		508	131
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**	**452**		**8387**	**7969**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780	842	672	798		7720	5127
AUSTRIA	390	70	219	282	189	94	152	38	196	58	61		1749	1569
FRANCE	16	18	7	2	0	38	0	0	1	0	0		82	91
SWEDEN	164	432	190	92	402	190	1195	0	46	679	143		3533	2684
UNITED KINGDOM	225	81	42	60	136	38	44	61	89	249	362		1387	496
JAPAN	116	47	162	134	121	98	135	96	213	108	29		1259	1574
TAIWAN	0	0	0	0	0	0	0	37	0	0	0		37	133
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	42	1	1	32	0		77	471
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1798**	**1393**		**15844**	**12145**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1936	1432	984	1341	1081	1087		16320	7468
MEXICO	1317	1796	1574	1486	1101	1125	961	1074	1200	986	1120		13740	5323
FRANCE	224	222	104	133	125	95	225	303	307	626	559		2923	1682
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851	1303	556	439		14381	5880
ITALY	199	569	390	407	642	559	1049	481	203	1740	1693		7932	2632
NETHERLANDS	54	95	26	17	5	114	76	91	85	4	72		639	246
SPAIN	95	225	2	0	1	+	0	+	0	16	23		362	1428
SWITZERLAND	17	101	71	51	9	12	86	23	42	14	33		459	692
UNITED KINGDOM	531	89	366	204	289	128	1184	293	440	316	440		4280	2790
ISRAEL	111	72	84	43	148	169	348	182	106	172	238		1673	1160
JAPAN	1131	1338	1660	1574	1640	813	1869	1246	965	880	869		13985	10076
REP. OF KOREA	42	55	37	24	13	13	3	102	3	2	0		294	778
TAIWAN	122	+	60	36	109	56	72	37	35	0	2		529	402
SOUTH AFRICA	347	563	112	450	695	85	326	63	132	224	143		3140	1321
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218	253	304	718		2895	517
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**	**6921**	**7436**		**83552**	**42395**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1727	1186	1435	966	534	1073	1640		12853	6825
COSTA RICA	155	354	237	249	114	82	53	357	473	28	72		2174	908
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210	1431	660	1536		16796	11820
BELGIUM	32	61	38	41	40	69	121	0	19	0	0		421	496
FRANCE	483	507	834	512	149	121	346	302	231	704	239		4428	8187
GERMANY, FED. REP. OF	1965	1567	2599	2064	2636	2371	5285	2062	3138	2362	2648		28717	15946
ITALY	1182	791	1234	1519	983	749	2264	552	1009	735	465		11483	8954
NETHERLANDS	88	140	76	63	1	0	140	18	48	34	0		608	994
SWITZERLAND	22	+	113	58	57	2	22	20	59	2	9		364	257
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606	1289	1708	1597		14174	1[illegible]771
AUSTRALIA	0	24	0	0	0	0	14	0	22	0	0		60	91
ISRAEL	45	28	0	30	30	0	26	2	0	0	0		161	127
JAPAN	1334	926	1361	1092	1430	574	2013	846	1843	1036	1037		13492	12530
REP. OF KOREA	0	40	62	120	40	0	64	4	22	0	108		460	368
TAIWAN	826	471	1576	1265	941	539	1436	1073	1338	543	876		10884	3557
ROMANIA	138	98	299	488	56	0	222	85	136	189	364		2075	621
SOUTH AFRICA	0	213	0	82	0	0	81	48	27	0	0		451	751
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124	22	210	22		1830	742
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**	**9294**	**10613**		**121430**	**88045**

+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 361, Italy 35, People's Republic of China, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil +, Federal Republic of Germany 26, Mexico 1, Netherlands 42, Romania 6 and Thailand 1.

c. Australia 173, Austria 324, Belgium 513, Brazil 184, Costa Rica 444, Denmark 92, Finland 1, Hong Kong 7, Iceland +, India 1, Iran 7, Ireland 57, Mali 93, Morocco 1, Norway 154, People's Republic of China +, Portugal 1, Romania 551, Singapore 13, Sweden 216, and Yugoslavia 63.

d. Austria 71, Brazil 1018, Denmark 63, Finland 85, Honduras 75, Hong Kong 2, Ireland 45, Norway 2, Poland 19, Portugal 41, Singapore 28, Spain 37, Sweden 91, and Turkey 255.

TABLE 12: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984												11 MONTHS	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	217	802	100	0	71		1500	256
OTHER	310.0130 & .0230[a]	1136	585	880	359	878	420	814	511	677	281	381		6922	7148
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0	•	0	0		5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21	55	1	•		160	541
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**	**452**		**8587**	**7969**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	1826	900	1175	1718	1233		14434	11350
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113	213	80	160		1410	786
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1798**	**1393**		**15844**	**12146**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**60**	**8**	**40**	**30**	**30**	**60**	**0**	**30**	**21**	**45**		**483**	**277**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0108 & .0308	1084	1571	1615	2435	2016	1468	1566	781	872	1493	1444		16315	4227
- POLYESTER	310.0110 & .0210	821	1107	634	867	1172	837	1064	617	947	938	1076		10340	1743
- OTHER	310.0114 & .0214	651	804	649	613	837	746	791	798	848	543	908		7888	7276
OTHER - NYLON	310.0140 & .0240	2022	2221	2918	2090	2928	1974	3983	2129	2041	2936	3028		28279	12806
- POLYESTER	310.0150 & .0250	1328	1056	1618	1504	1707	1287	2006	981	1200	617	752		14061	11777
- OTHER	310.0170 & .0270[b]	202	274	310	281	247	166	192	261	112	125	111		2281	2484
MONOFILAMENTS	309.0200 & .0330[c]	383	325	282	336	243	132	175	291	321	157	103		2748	1573
STRIPS, OVER $1/LB	309.2100 & .2300*	80	102	90	101	62	122	87	90	74	122	110		1040	529
SUBTOTAL ABOVE		**6571**	**7460**	**8316**	**8238**	**9212**	**6732**	**9860**	**5948**	**6415**	**6931**	**7436**		**83032**	**42386**
STAPLE - NYLON	309.4330	2921	2034	2836	3685	2450	1698	7722	1527	2825	3642	3802		35022	23954
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523	1583	1125	1845		21514	14800
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947	1530	745	954		12673	12544
- OLEFIN	309.4346	325	76	474	173	184	55	218	130	38	138	170		1981	1142
- OTHER	309.4355	1109	969	1627	1551	1219	988	1867	1281	1874	812	1264		14551	8010
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1804	2787	1509	2033	1495	1831	1802	2529	1677	1852		21190	19152
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	444	730	640	380	578		6673	1835
ACRYLIC	309.3050 & .3150	646	538	978	355	763	312	798	443	509	716	277		6335	6187
OTHER	309.3085 & .3185	115	147	123	195	148	185	243	112	113	39	71		1491	621
SUBTOTAL ABOVE		**11810**	**9767**	**13089**	**11172**	**11399**	**7739**	**18640**	**8275**	**11841**	**8294**	**10613**		**121430**	**88843**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2380	4767	2062	1613	1585	1218	7325	1835	2868	1572	1503		28540	25386
- POLYESTER	309.6630	634	810	621	775	459	341	1318	792	478	849	546		7623	12839
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0	0	0	•		39	304
- OTHER	309.6660	139	213	452	285	308	214	690	285	686	286	279		3779	2887
NOILS & GARNETTED FIBERS	309.6000 & .7000*	57	62	12	0	15	74	23	27	32	0	0		302	232
OTHER WASTE, ADVANCED	309.7525 - .7555	161	981	259	941	343	403	584	655	627	850	620		6432	1720
SUBTOTAL ABOVE		**3419**	**6834**	**3408**	**3804**	**2710**	**2250**	**9940**	**3574**	**4473**	**3557**	**2867**		**46733**	**43169**
TOTAL MAN-MADE ABOVE		**24880**	**26605**	**27310**	**24481**	**25847**	**18370**	**38051**	**20144**	**24785**	**21823**	**22896**		**278619**	**183989**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	•	0	0	0	0	0	0	0	1	0		1	1
- NONCELLULOSIC	310.1015[d] & .1108[e]	1108	1204	1068	988	610	791	957	1317	1443	822	1042		11330	7440
OTHER - CELLULOSIC	310.1030 & .1135[f]	2	12	8	8	14	18	56	5	19	7	14		163	89
- NONCELLULOSIC	310.1050 & .1070[g]	146	84	162	183	517	305	304	171	255	193	129		2449	2027
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	104	52	136	91	186	227	173	91	208	119	0		1387	982
- OTHER	310.4015 & .4027[i]	2641	3042	3050	2630	3060	3077	4580	3111	4279	1508	1490		32468	29069
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	1107	844	890	288	626	241	1022	340	788	259	497		6902	2877
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	459	657	401	477	203	501	421	647	361	318		4855	2497
SLIVER, TOPS & ROVING	309.9000	560	755	607	630	381	74	382	258	369	117	159		4310	4640
TEXTILE GLASS FIBER	309.2800 & .2900[j]	2120	2900	2013	1725	2452	1490	1057	2058	1275	1051	1496		22144	17551
GRAND TOTAL ABOVE		**32914**	**36007**	**36709**	**31383**	**34179**	**24865**	**49363**	**27914**	**34068**	**27261**	**28031**		**363826**	**261182**

SOURCE: U.S. Census Bureau Report IM145X.

NES - Not elsewhere specified.

- • Means a nominal poundage.
- * These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0040, .0385, .0500, .0630, .0640 & .0685.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 13: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984												YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**	**13.6**	**12.2**	**198.3**	**225.8**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4	33.1	31.0	375.1	318.1
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8	2.9	2.2	34.0	35.5
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7	63.5	62.6	794.9	762.6
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2	28.7	30.2	24.1	353.0	381.4
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4	25.0	22.4	313.1	307.6
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9	1.5	3.3	24.8	26.0
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6	76.3	69.4	860.2	1027.1
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	59.3	56.6	65.0	73.3	74.0	743.7	714.2
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**287.2**	**288.2**	**307.5**	**305.8**	**289.0**	**3498.8**	**3572.5**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**	**30.9**	**25.7**	**384.0**	**377.4**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4	73.4	66.3	74.4	65.7	61.7	831.3	911.2
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3	49.4	50.5	666.2	654.7
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7	191.6	182.7	2192.4	2197.8
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	22.2	21.5	20.7	246.7	189.7
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**332.6**	**328.2**	**315.6**	**3936.6**	**3953.4**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**	**13.1**	**12.4**	**12.4**	**12.5**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0	27.5	27.4	27.4	23.8
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9	4.6	5.9	5.9	4.0
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7	72.5	63.0	63.0	54.0
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3	44.8	44.4	44.4	39.0
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5	18.8	22.1	22.1	18.7
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4	4.7	2.8	2.8	3.2
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9	78.4	74.6	74.6	75.7
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4	60.0	60.8	60.8	56.5
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**	**311.3**	**301.0**	**301.0**	**274.9**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**	**30.4**	**28.5**	**28.5**	**23.3**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3	77.2	78.6	78.6	75.1
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8	75.9	77.9	77.9	72.8
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5	197.7	173.5	173.5	174.1
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3	20.4	23.3	23.2	20.0
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.6**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**	**371.2**	**353.2**	**353.2**	**342.0**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	13.0	11.8	10.8			132.2	125.5
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7	0.6	1.1			8.7	9.2
TOTAL RAW WOOL	14.2	16.0	15.9	15.3	15.7	14.6	10.9	13.7	12.4	11.9			140.9	134.7
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.9			2282.5	2347.1

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.

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MONTHLY REVIEW

Highlights

U.S. Imports of Man-Made Fiber Rise to 299.2 Million Pounds in 1984 . . . see page 30.

U.S. Exports of Man-Made Fiber Rise to 828.1 Million Pounds in 1984 . . . see page 31.

1984 Production of Noncellulosic Yarn+Monofilaments Totals 3,524.4 Million Pounds . . . see page 34.

1984 Production of Noncellulosic Staple+Tow Totals 3,947.3 Million Pounds . . . see page 35.

Textile Organon Feature:
Trade Barometer . . . begins on page 24.

Although olefin yarn+monofilament shipments continued a record-breaking pace, shipments of other key products fell in January--

- *Polyester staple+tow* shipments fell to the lowest level since July 1984.
- *Nylon carpet yarn* shipments fell to the lowest level since March 1983.

But other key products did well--

- *Nylon staple+tow* shipments rose sharply in January.
- *Nylon textile yarn* shipments rose to highest level since May 1984.
- *Acrylic+Modacrylic staple+tow* shipments rose in January.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT*

ITEM	1985	1984		1984		YEAR TO DATE		
	JAN	DEC	%[a]	JAN	%[b]	1985	1984	%[c]
YARN+MONOFILAMENTS								
ACETATE	**14.3**	**12.2**	*+17.2*	**17.8**	*-19.7*	**14.3**	**17.8**	*-19.7*
NYLON[d] - INDUSTRIAL	32.1	31.0	*+3.5*	28.1	*+14.2*	32.1	28.1	*+14.2*
- LOW DENIER INDUSTRIAL	2.3	2.2	*+4.5*	3.1	-25.8	2.3	3.1	*-25.8*
- CARPET	57.1	62.6	*-8.8*	70.0	-18.4	57.1	70.0	*-18.4*
- TEXTILE	30.5	24.1	*+26.6*	34.3	-11.1	30.5	34.3	*-11.1*
POLYESTER - INDUSTRIAL	26.4	22.4	*+17.9*	24.5	*+7.8*	26.4	24.5	*+7.8*
- LOW DENIER INDUSTRIAL	1.6	3.3	*-51.5*	1.9	*-15.8*	1.6	1.9	*-15.8*
- TEXTILE	69.5	69.4	*+0.1*	84.9	*-18.1*	69.5	84.9	*-18.1*
OLEFIN	78.0	74.0	*+5.4*	52.6	*+48.3*	78.0	52.6	*+48.3*
TOTAL NONCELLULOSIC ABOVE	**297.5**	**289.0**	*+2.9*	**299.4**	*-0.6*	**297.5**	**299.4**	*-0.6*
STAPLE+TOW+FIBERFILL								
RAYON	**29.0**	**25.7**	*+12.8*	**32.4**	*-10.5*	**29.0**	**32.4**	*-10.5*
NYLON[d]	70.5	61.7	*+14.3*	80.0	*-11.9*	70.5	80.0	*-11.9*
ACRYLIC+MODACRYLIC	51.5	50.5	*+2.0*	53.0	*-2.8*	51.5	53.0	*-2.8*
POLYESTER	162.4	182.7	*-11.1*	172.5	*-5.9*	162.3	172.5	*-5.9*
OLEFIN+VINYON	21.4	20.7	*+3.4*	18.6	*+15.1*	21.4	18.6	*+15.1*
TOTAL NONCELLULOSIC ABOVE	**305.8**	**315.6**	*-3.1*	**324.1**	*-5.6*	**305.8**	**324.1**	*-5.6*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

FEBRUARY, 1985

A MONTHLY REVIEW

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DATAGRAM

1984 PRODUCTION LEVELS-OFF FROM 1983

Production levels for noncellulosic yarn and staple+tow slumped in 1984. Noncellulosic yarn production fell just over 1% in 1984, while noncellulosic staple+tow production fell ½%.

Although nylon and olefin yarn production rose significantly in 1984, polyester yarn production plummeted--

- Nylon yarn production rose nearly 6% on the strength of the carpet market demand for bulked continuous filament yarn, and
- Olefin yarn production rose over 4% as demand for carpet face yarn and backing grew substantially, but
- Polyester yarn production fell nearly 12% as demand for textile yarn fell off sharply.

Olefin+vinyon, polyester and acrylic+modacrylic staple+tow production rose in 1984, but nylon staple+tow production fell during the year--

- Olefin+vinyon staple+tow production rose by nearly 32% as the nonwovens markets grew at an accelerated rate, and
- Polyester staple+tow production rose marginally as improved demand in the export markets offset declining demand in the domestic markets, and
- Acrylic+modacrylic staple+tow production rose marginally as expanding export markets offset declining demand in the domestic markets, but
- Nylon staple+tow production declined nearly 10% as the product-mix in the carpet markets switched away from staple to bulked continuous filament.

T.E.B. ADDS NEW OLEFIN PRODUCERS

The Textile Economics Bureau has added 10 new producers of olefin yarn and film fiber to the monthly shipment survey effective with the January 1985 data. Many of these producers are relative newcomers to the business, and typically their production is captive. These new producers were listed in the November 1984 "Directory of U.S. Producers."

NEW TEXTILE ORGANON FEATURE: "TRADE BAROMETER"

In response to the ever increasing problems of trade for the U.S. textile industry, a new monthly report has been established in the Textile Organon. The "Trade Barometer" report begins on page 24 of this issue, and monitors the trade balance situation for cotton, wool, man-made fiber and manufactures. Each month the report will focus on different aspects of U.S. trade in textiles.

MONSANTO TO REDUCE ACRYLIC CAPACITY

The Monsanto Fiber & Intermediates Company has announced plans to reduce its capacity for acrylic fiber exports. This move is in an effort to streamline the company and shift to more profitable products in the future. (Wall Street Journal, 2/27/85)

TRADE BAROMETER

New Feature

U.S. BALANCE OF TRADE IN MMF TEXTILES DETERIORATES IN 1984

The balance of trade in man-made fiber and manufacturers dropped to a net-import balance of 325 million pounds in 1984. As seen with Graph 1, the 1984 net-import balance is at the highest level since 1972.

MAN-MADE FIBER TRADE IMPROVES

The U.S. man-made fiber industry trade situation in fiber improved slightly in 1984, as a net-export balance of nearly 530 million pounds was recorded, up from just over 450 million pounds in 1983 (Graph 2).

TRADE IN MAN-MADE FIBER MANUFACTURES SUFFERS

Exports of man-made fiber manufactures grew by nearly 6% in 1984, but imports grew by 25%, contributing to a net-import balance of 854 million pounds. This level was 40% above that of 1983, when the import balance stood at 609 million pounds (Graph 2).

1984 MONTHLY RESULTS

After high import levels in the first-half of 1984, the trade situation for all fibers and manufactures (cotton, wool & man-made fiber) improved significantly (Graph 3).

Key points...

- In July, the net-import balance reached nearly 300 million pounds.
- Yet for the first six months of 1984, the import balance averaged just over 150 million pounds.
- From August to December the industry trade situation improved with an average monthly import balance of just over 114 million pounds.

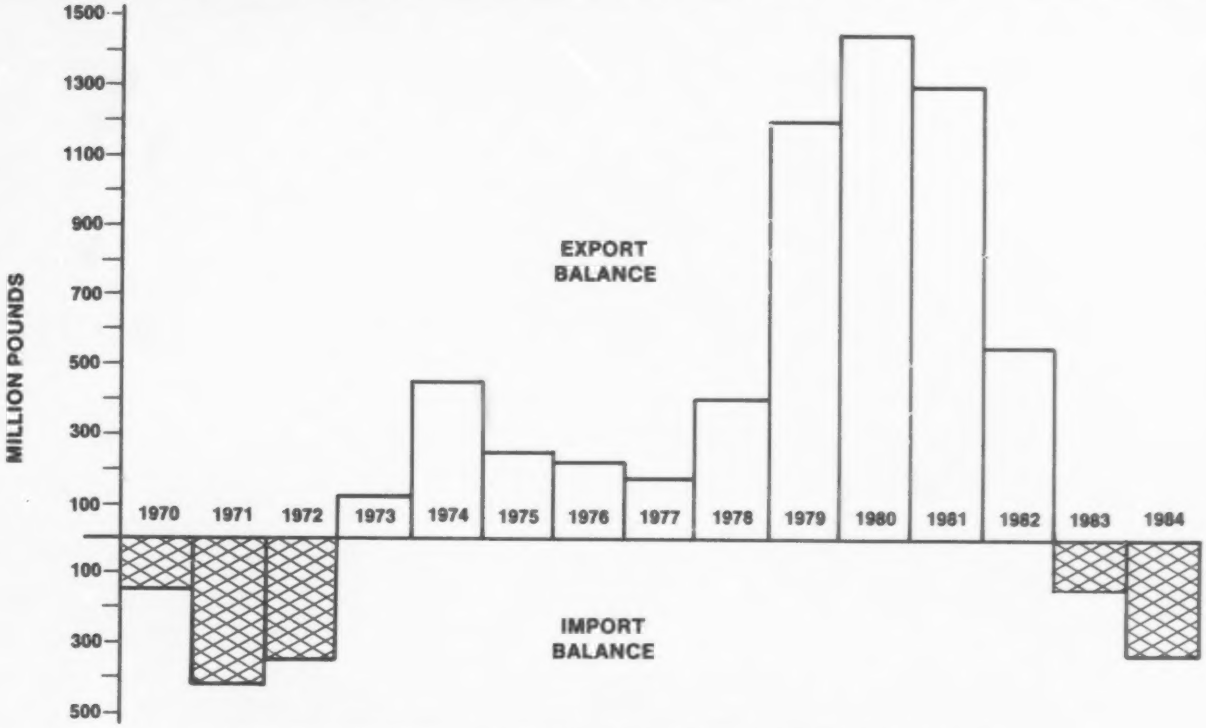
Much of the reason for a better trade balance in the second-half of the year was due to an improving trade balance in man-made fiber (Graph 4).

- Especially in the latter part of the year, growth in exports of fiber exceeded any growth in imports.

NOTE ABOUT USDA MANUFACTURES TRADE DATA

The U.S. Department of Agriculture (UDSA) trade data provided on pages 26 - 28 take into account poundages of waste and/or cutting loss used in the processing of textiles at the mill and cutter level. The addition or factoring of these poundages to the actual weight of finished textile products will yield raw fiber equivalent poundages for textile products. Along these lines, the USDA man-made fiber yarn data will differ from the plied, spun and handwork yarn data provided in the monthly import table on page 30. These data, as supplied by the U.S. Census Bureau, have been published in the TEXTILE ORGANON for many years, and in the interest of historical continuity will continue to appear every month in the ORGANON. However, all trade balance data, as provided by USDA, will be used in the "Trade Barometer" in the future.

GRAPH 1: U.S. BALANCE OF TRADE IN MAN-MADE FIBER & MANUFACTURES
1970-1984



GRAPH 2: U.S. BALANCE OF TRADE IN MAN-MADE FIBER VERSUS U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES

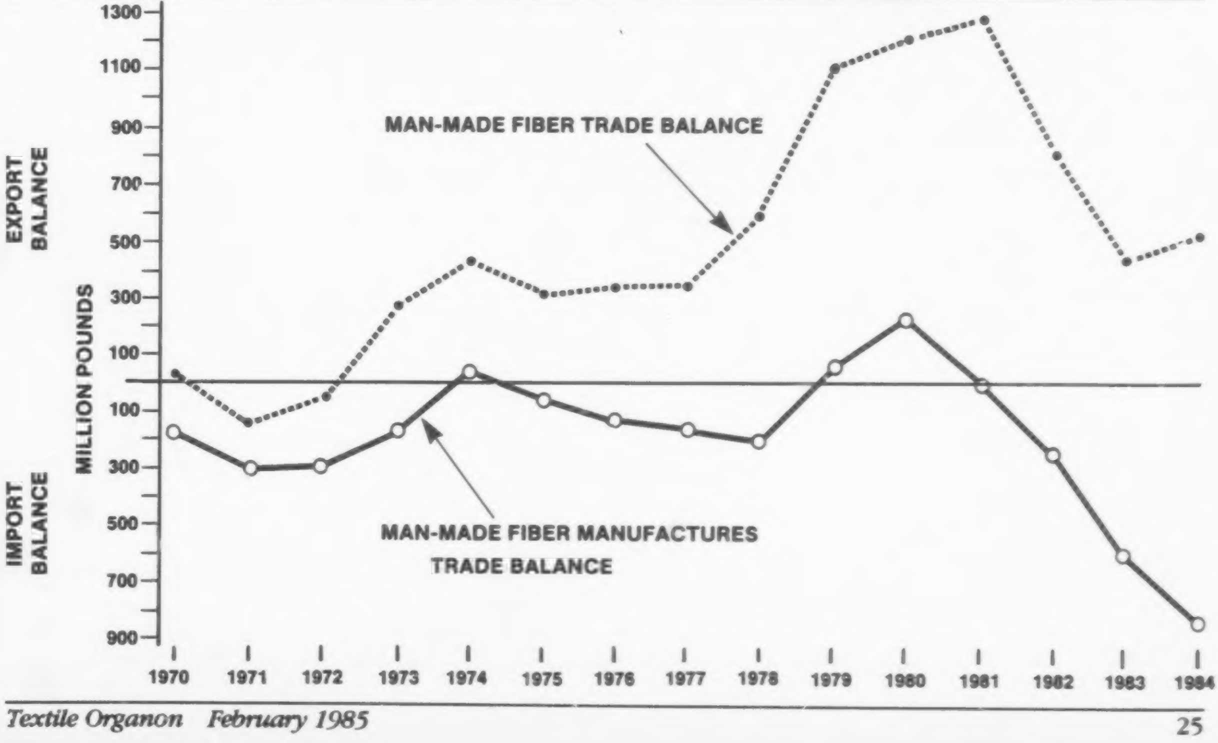


TABLE 2: RAW FIBER EQUIVALENT OF IMPORTS, EXPORTS & BALANCE OF COTTON MANUFACTURES

MILLION POUNDS

COMMODITY	1984												YEAR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
IMPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	6.5	6.6	5.9	6.4	5.5	4.1	5.7	3.7	2.9	2.6	2.1	2.6	54.6	42.1
CLOTH[b]	41.1	39.7	43.1	40.6	32.5	43.4	43.1	40.1	35.5	36.0	29.6	26.1	450.8	346.3
SUBTOTAL	**47.6**	**46.3**	**49.0**	**47.0**	**38.0**	**47.5**	**48.8**	**43.8**	**38.4**	**38.6**	**31.7**	**28.7**	**505.4**	**388.4**
MANUFACTURED PRODUCTS														
WEARING APPAREL[c]	59.6	67.9	69.2	57.0	55.7	62.3	91.1	69.1	74.4	56.1	53.7	43.4	759.5	622.8
INDUSTRIAL[d]	2.7	3.6	3.2	3.1	2.7	2.9	4.0	3.4	3.3	2.9	2.6	3.2	37.6	14.3
HOME FURNISHINGS[e]	12.2	12.6	12.2	13.2	10.2	9.2	14.1	11.9	10.7	12.8	10.3	9.5	138.9	78.0
ALL OTHER[f]	1.8	1.7	1.6	1.9	1.8	1.9	3.2	2.0	1.8	2.4	2.0	1.3	23.4	31.9
SUBTOTAL	**76.3**	**85.8**	**86.2**	**75.2**	**70.4**	**76.3**	**112.4**	**86.4**	**90.2**	**74.2**	**68.6**	**57.4**	**959.4**	**747.0**
TOTAL IMPORTS	**123.9**	**132.1**	**135.2**	**122.2**	**108.4**	**123.8**	**161.2**	**130.2**	**128.6**	**112.8**	**100.3**	**86.1**	**1464.8**	**1135.4**
EXPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	1.8	1.5	1.4	1.9	1.3	1.7	1.3	1.4	2.3	2.0	2.3	1.1	20.0	31.2
CLOTH[g]	5.2	4.7	5.4	4.8	5.8	6.5	5.5	4.9	5.4	6.3	4.6	5.4	64.5	59.4
SUBTOTAL	**7.0**	**6.2**	**6.8**	**6.7**	**7.1**	**8.2**	**6.8**	**6.3**	**7.7**	**8.3**	**6.9**	**6.5**	**84.5**	**90.6**
MANUFACTURED PRODUCTS														
WEARING APPAREL	5.8	5.9	7.4	5.4	6.2	6.5	5.5	5.0	5.0	5.6	5.2	4.7	68.2	72.1
INDUSTRIAL[d]	0.9	1.1	1.2	1.1	1.1	1.6	1.0	0.9	1.4	1.6	1.3	1.2	14.4	11.6
HOME FURNISHINGS[h]	2.9	3.0	3.1	3.6	3.7	3.5	2.9	2.8	2.8	3.1	2.7	2.8	36.9	31.6
ALL OTHER[i]	*	0.1	0.1	0.1	*	*	0.1	*	*	0.1	0.1	*	0.6	13.7
SUBTOTAL	**9.6**	**10.1**	**11.8**	**10.2**	**11.0**	**11.6**	**9.5**	**8.7**	**9.2**	**10.4**	**9.3**	**8.7**	**120.1**	**129.0**
TOTAL EXPORTS	**16.6**	**16.3**	**18.6**	**16.9**	**18.1**	**19.8**	**16.3**	**15.0**	**16.9**	**18.7**	**16.2**	**15.2**	**204.6**	**219.6**
BALANCE														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.	4.7 I	5.1 I	4.5 I	4.5 I	4.2 I	2.4 I	4.4 I	2.3 I	0.6 I	0.6 I	0.2 E	1.5 I	34.6 I	10.9 I
CLOTH	35.9 I	35.0 I	37.7 I	35.8 I	26.7 I	36.9 I	37.6 I	35.2 I	30.1 I	29.7 I	25.0 I	20.7 I	386.3 I	286.9 I
SUBTOTAL	**40.6 I**	**40.1 I**	**42.2 I**	**40.3 I**	**30.9 I**	**39.3 I**	**42.0 I**	**37.5 I**	**30.7 I**	**30.3 I**	**24.8 I**	**22.2 I**	**420.9 I**	**297.8 I**
MANUFACTURED PRODUCTS														
WEARING APPAREL	53.8 I	62.0 I	61.8 I	51.6 I	49.5 I	55.8 I	85.6 I	64.1 I	69.4 I	50.5 I	48.5 I	38.7 I	691.3 I	550.7 I
INDUSTRIAL	1.8 I	2.5 I	2.0 I	2.0 I	1.6 I	1.3 I	3.0 I	2.5 I	1.9 I	1.3 I	1.3 I	2.0 I	23.2 I	2.7 I
HOME FURNISHINGS	9.3 I	9.6 I	9.1 I	9.6 I	6.5 I	5.7 I	11.2 I	9.1 I	7.9 I	9.7 I	7.6 I	6.7 I	102.0 I	46.4 I
ALL OTHER	1.8 I	1.6 I	1.5 I	1.8 I	1.8 I	1.9 I	3.1 I	2.0 I	1.8 I	2.3 I	1.9 I	1.3 I	22.8 I	18.2 I
SUBTOTAL	**66.7 I**	**75.7 I**	**74.4 I**	**65.0 I**	**59.4 I**	**64.7 I**	**102.9 I**	**77.7 I**	**81.0 I**	**63.8 I**	**59.3 I**	**48.7 I**	**839.3 I**	**618.0 I**
TOTAL BALANCE	**107.3 I**	**115.8 I**	**116.6 I**	**105.3 I**	**90.3 I**	**104.0 I**	**144.9 I**	**115.2 I**	**111.7 I**	**94.1 I**	**84.1 I**	**70.9 I**	**1260.2 I**	**915.8 I**

SOURCE: U.S. Department of Agriculture

a. Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer.

Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Wool includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel.

g. Includes broad & narrow woven fabrics and knit cloth. Cotton also includes table damask, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h. Includes carpets & rugs.

i. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric. Cotton and man-made fiber include soft-sided luggage.

Note: In the case of blended or mixed fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

I means net-import balance.

E means net-export balance.

TABLE 3: RAW FIBER EQUIVALENT OF IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES

MILLION POUNDS

COMMODITY	1984												YEAR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
IMPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	6.4	6.7	6.7	5.5	5.6	5.1	8.1	6.0	8.2	3.5	3.5	5.7	71.0	58.0
CLOTH[b]	13.8	12.9	13.9	15.9	14.0	14.6	18.8	17.1	14.7	13.9	10.6	10.2	170.4	138.0
SUBTOTAL	**20.2**	**19.6**	**20.6**	**21.4**	**19.6**	**19.7**	**26.9**	**23.1**	**22.9**	**17.4**	**14.1**	**15.9**	**241.4**	**196.0**
MANUFACTURED PRODUCTS														
WEARING APPAREL[c]	51.5	63.3	53.3	51.0	56.2	59.8	89.1	68.1	62.8	54.8	42.1	36.9	688.9	576.0
INDUSTRIAL[d]	*	*	0.1	0.1	*	0.1	*	*	*	*	*	0.1	0.4	1.3
HOME FURNISHINGS[e] ALL OTHER[f]	28.7	35.9	36.2	38.0	38.4	42.7	53.4	36.6	29.2	26.5	24.0	21.7	411.3	296.1
SUBTOTAL	**80.2**	**99.2**	**89.6**	**89.1**	**94.6**	**102.6**	**142.5**	**104.7**	**92.0**	**81.3**	**66.1**	**58.7**	**1100.6**	**873.4**
TOTAL IMPORTS	**100.4**	**118.8**	**110.2**	**110.5**	**114.2**	**122.3**	**169.4**	**127.8**	**114.9**	**98.7**	**80.2**	**74.6**	**1342.0**	**1069.4**
EXPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	2.5	3.2	3.9	2.5	3.0	3.2	2.0	3.6	4.3	3.9	3.5	2.9	38.5	35.3
CLOTH[g]	10.9	11.0	12.2	11.3	12.9	14.8	12.7	14.0	14.4	14.6	11.7	12.1	152.6	148.6
SUBTOTAL	**13.4**	**14.2**	**16.1**	**13.8**	**15.9**	**18.0**	**14.7**	**17.6**	**18.7**	**18.5**	**15.2**	**15.0**	**191.1**	**183.9**
MANUFACTURED PRODUCTS														
WEARING APPAREL	5.8	6.7	7.9	6.5	6.5	7.4	6.4	7.3	6.1	7.0	6.3	5.5	79.4	70.8
INDUSTRIAL[d]	2.3	2.0	3.2	2.2	2.8	2.6	2.0	2.2	2.8	3.7	3.1	2.4	31.3	23.2
HOME FURNISHINGS[h]	8.7	9.5	7.8	9.3	9.8	10.2	8.9	7.0	8.5	7.8	6.1	9.3	102.9	10.7
ALL OTHER[i]	4.9	4.6	5.3	6.7	7.7	8.5	8.6	10.0	7.9	7.6	6.2	5.3	83.3	172.1
SUBTOTAL	**21.7**	**22.8**	**24.2**	**24.7**	**26.8**	**28.7**	**25.9**	**26.5**	**25.3**	**26.1**	**21.7**	**22.5**	**296.9**	**276.8**
TOTAL EXPORTS	**35.1**	**37.0**	**40.3**	**38.5**	**42.7**	**46.7**	**40.6**	**44.1**	**44.0**	**44.6**	**36.9**	**37.5**	**488.0**	**460.7**
BALANCE														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.	3.9 I	3.5 I	2.8 I	3.0 I	2.6 I	1.9 I	6.1 I	2.4 I	3.9 I	0.4 E	0	2.8 I	32.5 I	22.7 I
CLOTH	2.9 I	1.9 I	1.7 I	4.6 I	1.1 I	0.2 E	6.1 I	3.1 I	0.3 I	0.7 E	1.1 E	1.9 E	17.8 I	10.6 E
SUBTOTAL	**6.8 I**	**5.4 I**	**4.5 I**	**7.6 I**	**3.7 I**	**1.7 I**	**12.2 I**	**5.5 I**	**4.2 I**	**1.1 E**	**1.1 E**	**0.9 I**	**50.3 I**	**12.1 I**
MANUFACTURED PRODUCTS														
WEARING APPAREL	45.7 I	56.6 I	45.4 I	44.5 I	49.7 I	52.4 I	82.7 I	60.8 I	56.7 I	47.8 I	35.8 I	31.4 I	609.5 I	505.2 I
INDUSTRIAL	2.3 E	2.0 E	3.1 E	2.1 E	2.8 E	2.5 E	2.0 E	2.2 E	2.8 E	3.7 E	3.1 E	2.3 E	30.9 E	21.9 E
HOME FURNISHINGS ALL OTHER	15.1 I	21.8 I	23.1 I	22.0 I	20.9 I	24.0 I	35.9 I	19.6 I	12.8 I	11.1 I	11.7 I	7.1 I	225.1 I	113.3 I
SUBTOTAL	**58.5 I**	**76.4 I**	**65.4 I**	**64.4 I**	**67.8 I**	**73.9 I**	**116.6 I**	**78.2 I**	**66.7 I**	**55.2 I**	**44.4 I**	**36.2 I**	**803.7 I**	**596.6 I**
TOTAL BALANCE	**65.3 I**	**81.8 I**	**69.9 I**	**72.0 I**	**71.5 I**	**75.6 I**	**128.8 I**	**83.7 I**	**70.9 I**	**54.1 I**	**43.3 I**	**37.1 I**	**854.1 I**	**608.7 I**

SOURCE: U.S. Department of Agriculture

a. Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer.

Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Wool includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel.

g. Includes broad & narrow woven fabrics and knit cloth. Cotton also includes table damask, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h. Includes carpets & rugs.

i. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric. Cotton and man-made fiber include soft-sided luggage.

Note: In the case of blended or mixed fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

I means net-import balance.

E means net-export balance.

TABLE 4: RAW FIBER EQUIVALENT OF IMPORTS, EXPORTS & BALANCE OF WOOL MANUFACTURES

MILLION POUNDS

COMMODITY	1984												YEAR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
IMPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	0.9	1.3	1.9	1.4	2.0	1.4	1.6	1.4	1.4	1.0	1.1	0.9	16.3	7.6
CLOTH[b]	2.4	2.9	3.2	4.2	4.1	4.2	5.1	4.4	3.1	2.1	1.7	1.6	39.0	28.1
SUBTOTAL	**3.3**	**4.2**	**5.1**	**5.6**	**6.1**	**5.6**	**6.7**	**5.8**	**4.5**	**3.1**	**2.8**	**2.5**	**55.3**	**35.7**
MANUFACTURED PRODUCTS														
WEARING APPAREL[c]	3.4	4.1	2.9	2.8	4.2	6.3	12.7	11.7	12.3	9.9	7.1	3.4	80.8	58.8
INDUSTRIAL[d]	NOMINAL POUNDAGES INCLUDED IN OTHER													
HOME FURNISHINGS	4.3	4.2	5.1	3.9	3.5	3.1	4.9	3.8	5.1	4.7	4.7	4.8	52.1	34.8
ALL OTHER[f]	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	2.6
SUBTOTAL	**7.8**	**8.4**	**8.1**	**6.8**	**7.8**	**9.5**	**17.7**	**15.6**	**17.5**	**14.7**	**11.9**	**8.3**	**134.1**	**96.2**
TOTAL IMPORTS	**11.1**	**12.6**	**13.2**	**12.4**	**13.9**	**15.1**	**24.4**	**21.4**	**22.0**	**17.8**	**14.7**	**10.8**	**189.4**	**131.9**
EXPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	0.4	0.4	0.4	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.2	0.1	2.7	4.0
CLOTH[g]	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	1.4	1.1
SUBTOTAL	**0.5**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**	**0.3**	**0.3**	**0.2**	**4.1**	**5.1**
MANUFACTURED PRODUCTS														
WEARING APPAREL	0.1	0.2	0.2	0.4	0.1	0.1	0.1	0.3	0.2	0.2	0.3	0.5	2.7	3.0
INDUSTRIAL[d]	NOMINAL POUNDAGES INCLUDED IN OTHER													
HOME FURNISHINGS[h]	0.9	0.8	0.8	1.0	0.9	0.5	0.3	0.3	0.2	0.2	0.2	0.4	6.5	9.3
ALL OTHER[i]	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.3	0.2	0.1	0.1	1.8	1.5
SUBTOTAL	**1.1**	**1.1**	**1.1**	**1.5**	**1.2**	**0.7**	**0.5**	**0.9**	**0.7**	**0.6**	**0.6**	**1.0**	**11.0**	**13.8**
TOTAL EXPORTS	**1.6**	**1.6**	**1.6**	**1.7**	**1.4**	**1.0**	**0.8**	**1.2**	**1.2**	**0.9**	**0.9**	**1.2**	**15.1**	**18.9**
BALANCE														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.	0.5 I	0.9 I	1.5 I	1.3 I	1.9 I	1.2 I	1.5 I	1.2 I	1.1 I	0.8 I	0.9 I	0.8 I	13.6 I	3.6 I
CLOTH	2.3 I	2.8 I	3.1 I	4.1 I	4.0 I	4.1 I	4.9 I	4.3 I	2.9 I	2.0 I	1.6 I	1.5 I	37.6 I	27.0 I
SUBTOTAL	**2.8 I**	**3.7 I**	**4.6 I**	**5.4 I**	**5.9 I**	**5.3 I**	**6.4 I**	**5.5 I**	**4.0 I**	**2.8 I**	**2.5 I**	**2.3 I**	**51.2 I**	**30.6 I**
MANUFACTURED PRODUCTS														
WEARING APPAREL	3.3 I	3.9 I	2.7 I	2.4 I	4.1 I	6.2 I	12.6 I	11.4 I	12.1 I	9.7 I	6.8 I	2.9 I	78.1 I	55.8 I
INDUSTRIAL[d]	NOMINAL POUNDAGES INCLUDED IN OTHER													
HOME FURNISHINGS	3.4 I	3.4 I	4.3 I	2.9 I	2.6 I	2.6 I	4.6 I	3.5 I	4.9 I	4.5 I	4.5 I	4.4 I	45.6 I	25.5 I
ALL OTHER	0	0	0	0	0.1 E	0	0	0.2 E	0.2 E	0.1 E	0	0	0.6 E	1.1 I
SUBTOTAL	**6.7 I**	**7.3 I**	**7.0 I**	**5.3 I**	**6.6 I**	**8.8 I**	**17.2 I**	**14.7 I**	**16.8 I**	**14.1 I**	**11.3 I**	**7.3 I**	**123.1 I**	**82.4 I**
TOTAL BALANCE	**9.5 I**	**11.0 I**	**11.6 I**	**10.7 I**	**12.5 I**	**14.1 I**	**23.6 I**	**20.2 I**	**20.8 I**	**16.9 I**	**13.8 I**	**9.6 I**	**174.3 I**	**113.0 I**

SOURCE: U.S. Department of Agriculture.

a Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer.

Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included.

b Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c Wool includes lace & lace articles, veils & veilings and nets & nettings.

d The man-made fiber data are tire cord & tire cord fabric.

e Includes carpets & rugs. Lace window curtains are in All Other.

f Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel.

g Includes broad & narrow woven fabrics and knit cloth. Cotton also includes table damask, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h Includes carpets & rugs.

i Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric. Cotton and man-made fiber include soft-sided luggage.

Note: In the case of blended or mixed fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

I means net-import balance.

E means net-export balance.

GRAPH 3: U.S. TEXTILE INDUSTRY MONTHLY TRADE BALANCE - TRADE IN ALL FIBERS AND MANUFACTURES

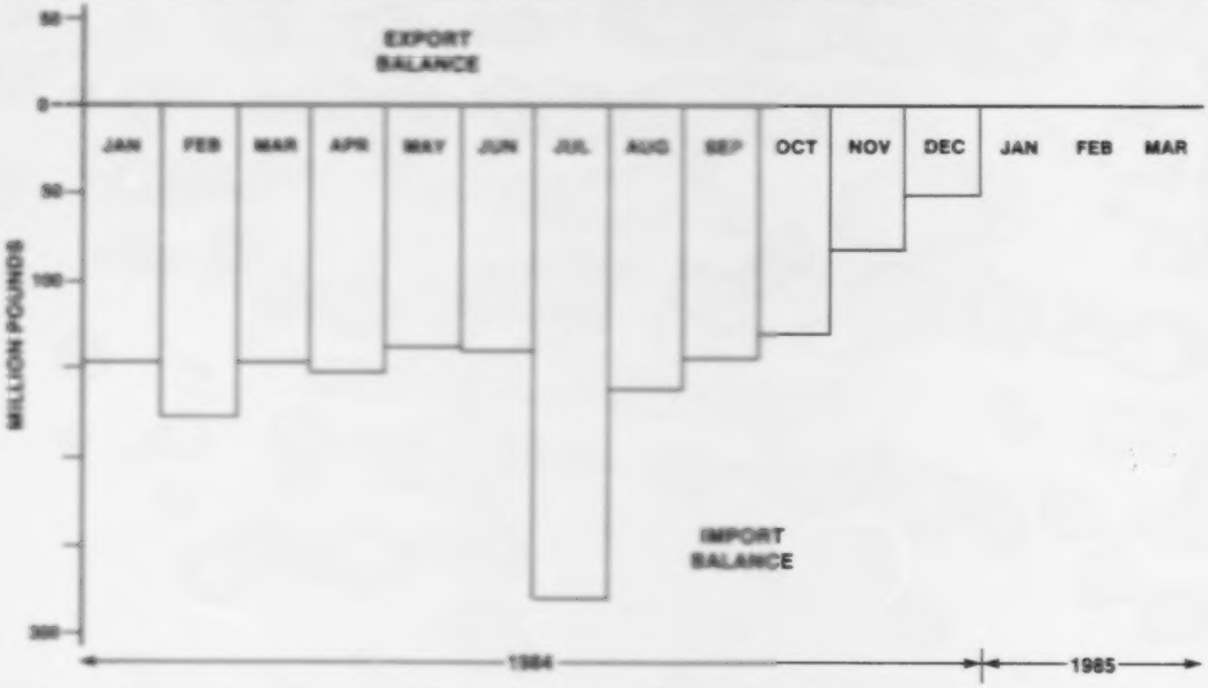


TABLE 5: U.S. TEXTILE INDUSTRY MONTHLY TRADE BALANCE- TRADE IN ALL FIBERS AND MANUFACTURES

MILLION POUNDS

1984	MANUFACTURES				MAN-MADE FIBER EXP BALANCE	U.S. INDUSTRY IMP BALANCE
	COTTON IMP BALANCE	MMF IMP BALANCE	WOOL IMP BALANCE	TOTAL IMP BALANCE		
JAN	107.3	65.3	9.5	182.1	33.8	**148.3**
FEB	115.8	81.8	11.0	208.6	31.1	**177.5**
MAR	116.6	69.9	11.6	198.1	49.8	**148.3**
APR	105.3	92.0	10.7	188.0	36.4	**151.6**
MAY	90.3	71.5	12.5	174.3	34.7	**139.6**
JUN	104.0	75.6	14.1	193.7	53.0	**140.7**
JUL	144.9	128.8	23.6	297.3	16.3	**281.0**
AUG	115.2	83.7	20.2	219.1	57.6	**161.5**
SEP	111.7	70.9	20.8	203.4	55.9	**147.5**
OCT	94.1	54.1	16.9	165.1	36.6	**128.5**
NOV	84.1	43.3	13.8	141.2	57.6	**83.6**
DEC	70.9	37.1	9.6	117.6	67.0	**50.6**

NOTE: The sum of the cotton, man-made fiber and wool manufactures net-import balances minus the man-made fiber net-export balance equals the total U.S. net-import textile trade balance.

TABLE 6: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMODITY NUMBER AS OF 1/1/78	1984												YEAR		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983	1982
CELLULOSIC FIBERS																
YARN - SINGLES																
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	217	802	100	0	71	71	1571	256	561
OTHER	310.0130 & .0230[a]	1136	585	880	359	878	420	814	511	677	281	381	1323	8245	7843	6437
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0	+	0	0	0	5	24	2
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21	55	1	+	0	160	570	27
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**	**452**	**1394**	**9981**	**8693**	**7027**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	1826	900	1175	1718	1233	954	15388	12752	11939
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113	213	80	160	195	1605	836	1469
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1798**	**1393**	**1149**	**16993**	**13588**	**13408**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510[b]	**40**	**80**	**6**	**40**	**38**	**38**	**90**	**0**	**36**	**81**	**45**	**47**	**530**	**277**	**386**
NONCELLULOSIC FIBERS																
YARN - SINGLES																
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016	1468	1566	781	872	1483	1444	1651	17966	5123	4744
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	1064	617	947	938	1076	466	10806	2182	510
- OTHER	310.0114 & .0214	651	604	649	613	837	746	791	798	848	543	808	1051	8939	7859	4340
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	3983	2129	2041	2936	3028	1913	30192	14745	5533
- POLYESTER	310.0150 & .0250	1328	1658	1618	1504	1707	1287	2005	981	1200	617	756	1037	15698	13629	5263
- OTHER	310.0170 & .0270[c]	202	274	310	281	247	166	192	261	112	125	111	167	2468	2739	1639
MONOFILAMENTS	309.0200 & .0330[d]	383	325	282	336	243	132	175	291	321	157	103	109	2857	1737	1497
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	90	101	62	122	87	90	74	122	110	26	1086	553	306
SUBTOTAL ABOVE		**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**	**6921**	**7436**	**6443**	**89992**	**48367**	**23832**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450	1698	7722	1527	2825	3642	3802	3259	38281	27648	11503
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523	1583	1125	1845	1376	22890	21502	7257
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947	1530	745	954	866	13541	13644	7851
- OLEFIN	309.4346	325	76	474	173	184	55	218	130	38	138	170	232	2213	1195	627
- OTHER	309.4355	1109	969	1627	1551	1219	998	1867	1261	1874	812	1264	861	15412	9078	10853
GROUPED FILAMENTS																
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	1831	1602	2529	1677	1852	1939	23129	19085	7620
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	444	730	640	390	578	431	7104	2035	56
ACRYLIC	309.3050 & .3150	646	538	978	355	763	312	798	443	509	716	277	594	6929	6642	4438
OTHER	309.3065 & .3165	115	147	123	195	148	185	243	112	113	39	71	169	1660	663	882
SUBTOTAL ABOVE		**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**	**9284**	**10613**	**9726**	**131159**	**101492**	**51087**
WASTE, NOT ADVANCED																
- NYLON	309.6625	2390	4767	2062	1623	1585	1218	7325	1835	2668	1572	1503	2657	31205	26745	22190
- POLYESTER	309.6630	634	810	621	775	459	341	1318	792	478	849	546	419	8042	13004	11187
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0	0	0	1	0	39	304	932
- OTHER	309.6660	139	213	452	265	308	214	690	265	668	286	279	295	4074	2724	2530
NOILS & GARNETTED FIBERS	309.6000 & .7000*	57	62	12	0	15	74	23	27	32	0	0	156	458	232	55
OTHER WASTE, ADVANCED	309.7525 - .7555	161	981	259	941	343	403	584	655	627	850	628	297	6729	3080	851
SUBTOTAL ABOVE		**3418**	**6834**	**3406**	**3604**	**2710**	**2250**	**9940**	**3574**	**4473**	**3557**	**2957**	**3824**	**50547**	**46089**	**37745**
TOTAL MAN-MADE ABOVE		**24669**	**26655**	**27318**	**24461**	**25847**	**18370**	**39551**	**20144**	**24785**	**21923**	**22896**	**22583**	**299202**	**218506**	**133494**
OTHER MAN-MADE FIBER TOPS YARN & THREAD																
YARN - PLIED																
TEXTURED - CELLULOSIC	310.1106	0	+	0	0	0	0	0	0	0	1	0	0	1	1	2
- NONCELLULOSIC	310.1015[e] & .1109[f]	1108	1204	1068	968	610	791	957	1317	1443	822	1042	893	12223	8110	5315
OTHER - CELLULOSIC	310.1030 & .1135[g]	2	12	8	8	14	18	56	5	19	7	14	10	173	93	146
- NONCELLULOSIC	310.1050 & .1070[h]	146	84	162	183	517	305	304	171	255	193	129	314	2763	2054	979
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	104	52	136	91	186	227	173	91	208	119	0	337	1724	1091	325
- OTHER	310.4015 & .4027[j]	2641	3042	3050	2639	3069	3077	4580	3111	4279	1508	1490	3097	35583	31487	22056
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	1107	844	890	268	626	241	1022	340	788	259	497	635	7517	2955	3107
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	459	657	401	477	203	501	421	647	381	318	590	5445	2654	2277
SLIVER, TOPS & ROVING	309.9000	589	755	607	639	381	74	362	258	369	117	159	234	4544	4755	2626
TEXTILE GLASS FIBER	309.2600 & .2900[k]	2128	2900	2813	1725	2452	1499	1857	2058	1275	1951	1486	939	23083	20020	14100
GRAND TOTAL ABOVE		**32904**	**36007**	**36709**	**31383**	**34179**	**24805**	**49363**	**27916**	**34068**	**27261**	**28031**	**29832**	**392258**	**291726**	**184427**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

- + Means a nominal poundage.
- * These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

[a] Also includes 310.0510 & .0610.

[b] Also includes 309.6615.

[c] Also includes 310.0530, .0550, .0630 & .0650.

[d] Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

[e] There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

[f] Also includes 310.1110 & .1114.

[g] Also includes 310.2010 & .2110.

[h] Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

[i] Also includes 310.5005 & .5030.

[j] Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

[k] Chiefly roving. Also includes 309.9800 & .9900.

TABLE 7: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984												YEAR-TO-DATE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED[b]	310.0006	5	6	14	0	16	25	19	11	27	2	3	1	129	239
OTHER[b]	310.0026	1364	2329	609	841	490	634	366	421	645	402	286	227	8614	15496
MONOFILAMENTS	309.0110	2	0	0	*	0	0	6	*	4	0	0	*	12	43
STRIPS	309.2210	56	0	*	0	0	0	2	0	0	5	1	15	79	40
SUBTOTAL ABOVE		**1427**	**2335**	**623**	**841**	**506**	**659**	**393**	**432**	**676**	**409**	**290**	**243**	**8834**	**15818**
STAPLE+TOW-RAYON	309.4222	2852	3515	9102	6692	4186	6714	3894	3814	2977	3661	2371	4104	53882	40118
STAPLE-ACETATE	309.4219	180	356	92	113	126	542	188	86	103	85	114	105	2090	3093
SUBTOTAL ABOVE		**3032**	**3871**	**9194**	**6805**	**4312**	**7256**	**4082**	**3900**	**3080**	**3746**	**2485**	**4209**	**55972**	**43211**
WASTE, ADVANCED & NOT ADVANCED	**309.7400**	**133**	**83**	**643**	**0**	**96**	**12**	**16**	**140**	**193**	**36**	**216**	**64**	**1632**	**1363**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	4222	2896	3396	3244	2866	2149	1820	2052	2091	2655	2483	2394	32268	40008
- HIGH TENACITY[c]	310.0027	1938	5197	8803	5529	3824	6013	4445	4594	9207	3787	6057	7338	66732	55606
- OTHER	310.0029	1235	1339	1488	1090	883	1475	1050	845	781	1289	1011	669	13155	15580
POLYESTER-TEXTURED	310.0010	4659	6010	3654	4676	6428	5724	6712	10204	8732	5648	8464	8842	79753	64040
- HIGH TENACITY[c]	310.0032	1509	441	826	274	821	520	825	606	812	591	1343	588	9156	12237
- OTHER	310.0034[e]	224	796	459	550	285	299	535	103	435	224	157	1901	5968	3713
OTHER - TEXTURED	310.0014	635	361	592	532	358	495	958	713	825	836	783	585	7673	12631
- OLEFIN	309.0040	33	22	40	11	91	32	8	28	7	50	9	9	340	806
- OTHER	310.0044	407	556	480	535	558	410	463	154	547	317	306	528	5261	3610
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	197	158	276	211	255	234	235	151	171	318	297	345	2848	2350
POLYESTER[e]	309.0140	281	239	271	202	205	213	208	426	340	370	332	707	3794	2925
OTHER	309.0170	899	1007	1084	999	566	931	416	429	1171	965	748	1832	11047	9930
STRIPS	309.2220 & 2270	474	218	403	430	363	549	382	364	348	480	142	307	4480	3242
SUBTOTAL ABOVE		**16713**	**19240**	**21772**	**18283**	**17503**	**19044**	**18057**	**20669**	**25467**	**17530**	**22132**	**26045**	**242455**	**226678**
STAPLE - NYLON	309.4240	1390	1454	1378	1579	1174	907	1312	1316	1613	805	745	1231	14904	13518
- POLYESTER	309.4242	7133	10391	11553	11196	10977	11525	6424	18368	21761	11096	31532	26947	178903	101255
- ACRYLIC	309.4245	13443	8323	16119	10018	10649	14719	13968	19367	13669	14007	11856	16147	162285	114385
- OLEFIN	309.4246	296	283	190	182	118	314	652	544	326	511	443	509	4368	3698
- OTHER	309.4247	700	879	973	507	779	683	1112	523	606	692	504	597	8555	11974
GROUPED FILAMENTS															
NYLON	309.3220	617	166	283	170	205	87	461	85	230	377	219	148	3048	3425
POLYESTER[e]	309.3240	5360	1530	3432	2676	947	1799	708	940	1106	1195	1977	2023	23693	28890
ACRYLIC	309.3250 & .3255	2944	3116	2585	1607	3405	2116	2809	4608	3320	2693	2063	2541	33807	34621
SUBTOTAL ABOVE		**31883**	**26142**	**36513**	**27935**	**28254**	**32150**	**27446**	**45751**	**42631**	**31376**	**49339**	**50143**	**429563**	**311766**
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	799	829	1478	1268	1482	1362	1195	522	383	615	711	1821	12465	11841
- POLYESTER	309.7630	3247	3969	4178	4565	5789	8892	3240	5035	6996	2709	3140	5611	57371	40473
- ACRYLIC	309.7640	225	149	792	258	589	502	200	178	194	713	501	319	4620	2025
- OTHER	309.7660	901	1182	1910	943	2038	1289	1167	1389	941	1574	795	1074	15203	16942
SUBTOTAL ABOVE		**5172**	**6129**	**8358**	**7034**	**9898**	**12045**	**5802**	**7124**	**8514**	**5611**	**5147**	**8825**	**89659**	**71281**
TOTAL MAN-MADE FIBER ABOVE		**58360**	**57800**	**77103**	**60898**	**60569**	**71166**	**55796**	**78016**	**80561**	**58708**	**79609**	**89529**	**828115**	**670117**
TEXTILE GLASS FIBER	309.2700 & .9700	3802	3483	4246	4565	4597	5897	5580	3374	5234	6723	5524	5076	58101	39413
GRAND TOTAL ABOVE		**62162**	**61283**	**81349**	**65463**	**65166**	**77063**	**61376**	**81390**	**85795**	**65431**	**85133**	**94605**	**886216**	**709530**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

GRAPH 4: MAN-MADE FIBER MONTHLY TRADE BALANCE

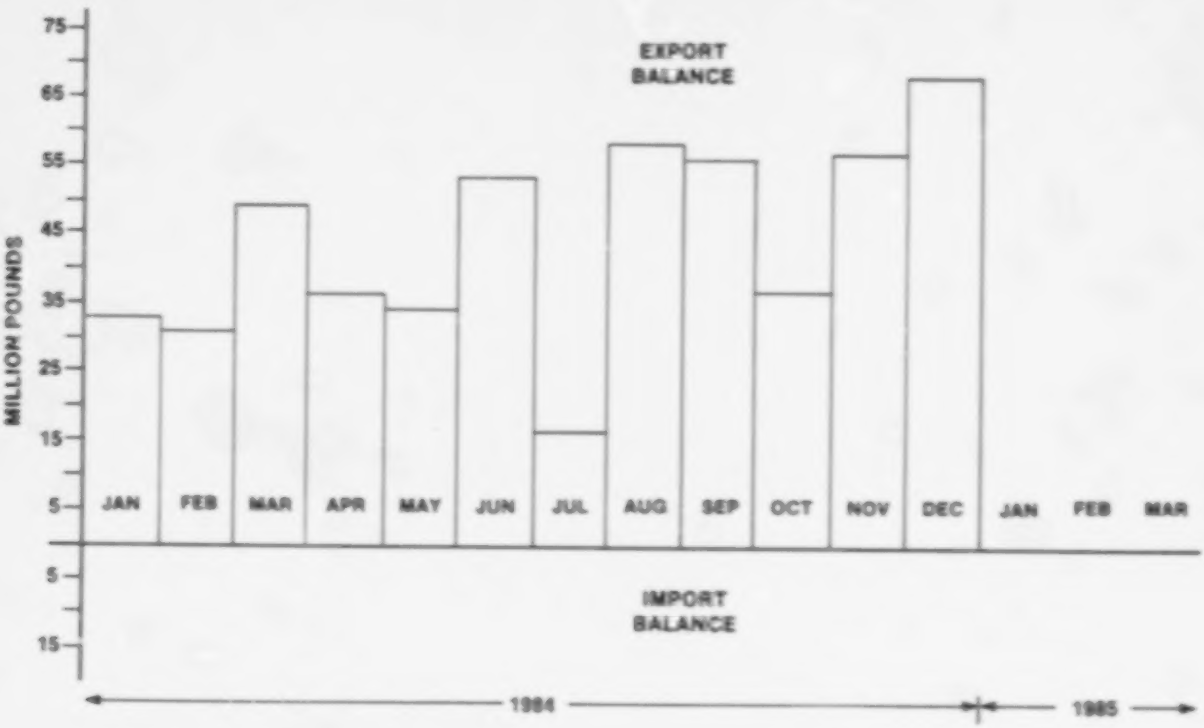


TABLE 8: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL

MILLION POUNDS

COMMODITY	1984												1985	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
CELLULOSIC YARN+MONOFILAMENTS	0.3 E	1.7 E	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I		
CELLULOSIC STAPLE+TOW	1.3 E	2.4 E	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E		
NONCELLULOSIC YARN+MONOFILAMENTS	10.2 E	11.3 E	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E		
NONCELLULOSIC STAPLE+TOW	20.1 E	16.4 E	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E		
CELLULOSIC WASTE	0.1 E	0	0.6 E	*	0.1 E	*	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E		
NONCELLULOSIC WASTE	1.8 E	0.7 I	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E		
TOTAL	33.8 E	31.1 E	48.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.6 E	55.9 E	36.6 E	57.8 E	67.0 E		

I means net-import balance.
E means net-export balance.

TABLE 9: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984												YEAR		
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	1984	1983	1982
CELLULOSIC YARN, MONOFIL & STRIPS															
BRAZIL	55	5	0	0	0	0	0	6	0	2	84	74	226	376	109
CANADA	42	12	327	45	366	250	316	308	246	110	101	268	2391	1380	761
MEXICO	163	120	55	41	41	0	40	70	41	41	42	130	784	1247	1234
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0	0	0	1330	1702
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457	313	108	115	773	4594	2411	1806
NETHERLANDS	28	40	40	57	49	24	65	53	99	3	26	61	545	514	493
UNITED KINGDOM	0	0	+	0	0	0	0	22	35	0	0	0	57	589	0
JAPAN	74	86	62	23	104	+	35	33	83	18	0	62	580	558	308
REP. OF KOREA	60	0	40	0	80	0	0	10	+	0	80	0	270	100	80
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375	15	0	4	26	534	188	534
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**	**452**	**1394**	**9981**	**8893**	**7027**
CELLULOSIC STAPLE+TOW															
CANADA	803	884	919	390	568	688	376	780	842	672	798	672	8392	5582	2604
AUSTRIA	390	70	219	282	189	94	152	38	196	58	61	79	1828	1883	3092
FRANCE	16	18	7	2	0	38	0	0	1	0	0	0	82	91	195
SWEDEN	164	432	190	92	402	190	1195	0	46	679	143	0	3533	3309	4552
UNITED KINGDOM	225	81	42	60	136	38	44	61	89	249	362	115	1502	496	834
JAPAN	116	47	162	134	121	98	135	96	213	108	29	190	1449	1623	1520
TAIWAN	0	0	0	0	0	0	0	37	0	0	0	66	103	133	11
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	42	1	1	32	0	27	104	471	600
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1796**	**1393**	**1149**	**16993**	**13588**	**13408**
NONCELLULOSIC YARN, MONOFIL & STRIPS															
CANADA	1284	1467	1745	2221	1742	1936	1432	984	1341	1081	1087	641	16961	8017	5350
MEXICO	1317	1796	1574	1486	1101	1125	961	1074	1200	986	1120	356	14096	6173	843
FRANCE	224	222	104	133	125	95	225	303	307	626	559	445	3368	1833	1877
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851	1303	556	439	1608	15989	6514	7447
ITALY	199	569	390	407	642	559	1049	481	203	1740	1693	1450	9382	3153	452
NETHERLANDS	54	95	26	17	5	114	76	91	85	4	72	7	646	282	60
SPAIN	95	225	2	0	1	+	0	+	0	16	23	33	395	1461	1
SWITZERLAND	17	101	71	51	9	12	86	23	42	14	33	2	461	782	211
UNITED KINGDOM	531	89	366	204	289	128	1184	293	440	316	440	644	4924	3331	455
ISRAEL	111	72	84	43	148	169	348	182	106	172	238	106	1779	1271	73
JAPAN	1131	1338	1660	1574	1640	813	1869	1246	965	880	869	634	14619	11606	5915
REP. OF KOREA	42	55	37	24	13	13	3	102	3	2	0	2	296	970	28
TAIWAN	122	+	60	36	109	56	72	37	35	0	2	7	536	493	86
SOUTH AFRICA	347	563	112	450	695	85	326	63	132	224	143	89	3229	1833	0
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218	253	304	718	416	3311	648	1034
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**8415**	**6921**	**7436**	**6440**	**89992**	**48367**	**23832**
NONCELLULOSIC STAPLE+TOW															
CANADA	1028	1102	1219	943	1727	1186	1435	966	534	1073	1640	1329	14182	9262	5450
COSTA RICA	155	354	237	249	114	82	53	357	473	28	72	185	2359	1067	0
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210	1431	660	1536	803	17598	16708	3479
BELGIUM	32	61	38	41	40	69	121	0	19	0	0	19	440	496	161
FRANCE	483	507	834	512	149	121	346	302	231	704	239	241	4669	7295	7472
GERMANY, FED. REP. OF	1965	1587	2599	2064	2636	2371	5285	2062	3138	2362	2648	1903	30620	16751	8779
ITALY	1182	791	1234	1519	983	749	2264	552	1009	735	465	2286	13769	10248	5488
NETHERLANDS	88	140	76	63	1	0	140	18	48	34	0	36	644	994	420
SWITZERLAND	22	+	113	58	57	2	22	20	59	2	9	1	365	286	186
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606	1289	1708	1597	1281	15455	17025	2781
AUSTRALIA	0	24	0	0	0	0	14	0	22	0	0	39	99	91	64
ISRAEL	45	28	0	30	30	0	26	2	0	0	0	28	189	147	60
JAPAN	1334	926	1361	1092	1430	574	2013	846	1843	1036	1037	743	14235	14047	7272
REP. OF KOREA	0	40	62	120	40	0	64	4	22	0	108	0	460	448	33
TAIWAN	826	471	1576	1265	941	539	1436	1073	1338	543	876	292	11176	4432	8309
ROMANIA	138	98	299	486	56	0	222	85	136	189	364	14	2089	649	0
SOUTH AFRICA	0	213	0	82	0	0	81	48	27	0	0	54	505	785	0
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124	22	210	22	475	2305	761	1133
TOTAL N.C. STAPLE	**11810**	**9707**	**13068**	**11172**	**11398**	**7750**	**16683**	**8275**	**11641**	**9284**	**10613**	**9729**	**131159**	**101491**	**51087**

+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 387, Italy 35, People's Republic of China, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil +, Federal Republic of Germany 27, Mexico 3, Netherlands 66, Romania 6 and Thailand 1.

c. Australia 173, Austria 376, Belgium 776, Brazil 185, Costa Rica 540, Denmark 92, Finland 1, Hong Kong 8, Iceland +, India 1, Iran 7, Ireland 57, Mali 93, Morocco 1, Norway 154, People's Republic of China +, Portugal 2, Romania 551, Singapore 13, Sweden 218, and Yugoslavia 63.

d. Austria 71, Brazil 1464, Denmark 91, Finland 85, Honduras 75, Hong Kong 2, Ireland 45, Norway 2, Poland 19, Portugal 41, Singapore 26, Spain 37, Sweden 91, and Turkey 256.

TABLE 10: QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1982					1983					1984				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						YARN+MONOFILAMENTS[a]									
ACETATE															
PRODUCTION	52.9	53.0	46.1	43.2	195.2	50.3	62.2	61.3	53.8	227.6	55.2	56.0	50.0	37.0	198.2
SHIPMENTS - DOMESTIC	44.9	47.1	39.5	37.5	169.0	44.1	53.9	51.0	48.6	197.6	48.7	51.9	43.4	36.1	180.1
- EXPORT	8.8	6.2	8.5	6.3	29.8	7.1	5.9	8.4	6.8	28.2	5.8	4.2	4.4	3.8	18.2
TOTAL SHIPMENTS	53.7	53.3	48.0	43.8	198.8	51.2	59.8	59.4	55.4	225.8	54.5	56.1	47.8	39.9	198.3
ENDING STOCK	13.5	13.2	11.3	10.7		9.8	12.2	14.1	12.5		13.2	13.1	15.3	12.4	
NYLON[b]															
PRODUCTION	299.9	309.0	312.1	320.6	1241.6	311.5	375.6	392.3	412.8	1492.2	400.9	407.9	383.3	385.2	1577.3
SHIPMENTS - DOMESTIC	281.6	296.5	292.7	294.8	1165.6	295.0	359.1	358.4	379.9	1392.4	365.1	370.7	348.9	353.4	1438.1
- EXPORT	26.8	23.8	26.0	25.5	102.1	25.4	27.0	27.3	25.5	105.2	29.9	30.1	29.1	30.2	119.3
TOTAL SHIPMENTS	308.4	320.3	318.7	320.3	1267.7	320.4	386.1	385.7	405.4	1497.6	395.0	400.8	378.0	383.6	1557.4
ENDING STOCK	143.8	132.5	125.9	126.2		117.3	106.8	113.4	120.8		126.7	133.8	139.1	140.7	
OLEFIN[c]															
PRODUCTION	154.3	146.9	142.6	141.4	585.2	166.8	186.9	183.4	179.0	716.1	178.0	184.5	171.5	213.1	747.1
SHIPMENTS - DOMESTIC	146.8	145.0	144.5	140.7	577.0	160.6	184.2	182.1	171.7	698.6	169.3	180.2	169.6	206.5	725.6
- EXPORT	4.7	3.3	3.1	4.2	15.3	3.9	4.2	3.5	4.0	15.6	4.3	3.8	4.2	4.2	16.5
TOTAL SHIPMENTS	151.5	148.3	147.6	144.9	592.3	164.5	188.4	185.6	175.7	714.2	173.6	184.0	173.8	210.7	742.1
ENDING STOCK	64.5	63.1	58.1	54.6		56.9	55.4	53.2	56.5		60.9	61.4	59.1	61.5	
POLYESTER															
PRODUCTION	331.5	318.1	280.5	283.5	1213.6	322.8	361.5	327.6	347.6	1359.5	318.8	297.5	279.8	303.9	1200.0
SHIPMENTS - DOMESTIC	297.2	292.5	267.0	278.1	1134.8	306.3	342.6	307.2	338.3	1294.4	291.9	286.1	278.8	293.0	1149.8
- EXPORT	34.9	35.8	19.2	12.9	102.8	19.6	17.5	13.9	15.5	66.5	14.1	12.4	8.0	13.8	48.3
TOTAL SHIPMENTS	332.1	328.3	286.2	291.0	1237.6	325.9	360.1	321.1	353.8	1360.9	306.0	298.5	286.8	306.8	1198.1
ENDING STOCK	122.4	112.2	106.5	99.0		95.9	97.3	103.8	97.6		110.4	109.4	102.4	99.5	
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	785.7	774.0	735.2	745.5	3040.4	801.1	924.0	903.3	939.4	3567.8	897.7	889.9	834.6	902.2	3524.4
SHIPMENTS - DOMESTIC	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0	797.3	852.9	3313.5
- EXPORT	66.4	62.9	48.3	42.6	220.2	48.9	48.7	44.7	45.0	187.3	48.3	46.3	41.3	48.2	184.1
TOTAL SHIPMENTS	792.0	796.9	752.5	756.2	3097.6	810.8	934.6	892.4	934.9	3572.7	874.6	883.3	838.6	901.1	3497.6
ENDING STOCK	330.7	307.8	290.5	279.8		270.1	259.5	270.4	274.9		298.0	304.6	300.6	301.7	
DOMESTIC SHIPMENTS	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0	797.3	852.9	3313.5
IMPORTS - TEXTURED YARN[d]	2.0	3.1	3.7	6.1	14.9	4.7	5.3	5.7	7.3	23.0	12.4	13.3	12.0	12.3	50.0
- OTHER YARN[d]	2.8	2.6	4.1	3.9	13.4	6.6	7.5	7.7	11.4	33.2	12.9	13.2	13.9	11.1	51.1
- MONOFILAMENTS	0.4	0.4	0.4	0.3	1.5	0.4	0.4	0.4	0.5	1.7	1.0	0.7	0.8	0.4	2.9
TOTAL IMPORTS	5.2	6.1	8.2	10.3	29.8	11.7	13.2	13.8	19.2	57.9	26.3	27.2	26.7	23.8	104.0
TOTAL AVAILABLE	730.8	740.1	712.4	723.9	2907.2	773.6	899.1	861.5	909.1	3443.3	852.6	864.2	824.0	876.7	3417.5
						TEXTILE GLASS FIBER									
PRODUCTION	207.6	209.8	241.0	240.8	899.2	245.1	273.1	313.2	335.8	1167.2	333.3	337.0	342.9		
SHIPMENTS - DOMESTIC	190.5	214.8	227.8	228.4	861.5	246.6	294.4	301.9	303.2	1146.1	305.1	340.8	311.0		
- EXPORT	11.5	10.3	11.2	9.9	42.9	8.4	8.7	9.7	10.6	37.4	11.7	14.8	14.9		
TOTAL SHIPMENTS	202.0	225.1	239.0	238.3	904.4	255.0	303.1	311.6	313.8	1183.5	316.8	355.6	325.9		
ENDING STOCK	151.8	136.5	138.5	141.0		131.1	101.1	102.7	124.7		141.2	122.6	139.6		
IMPORTS	3.8	3.2	3.7	3.4	14.1	4.8	5.3	4.2	5.7	20.0	7.8	5.7	5.4	4.2	23.1
TOTAL AVAILABLE	194.3	218.0	231.5	231.6	875.6	251.4	299.7	306.1	308.9	1166.1	312.9	346.5	316.4		

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA means not available at press time.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 36 & 37 of the March/April 1984 issue for further details on these yarns.

b. Includes Aramid in 1982.

c. Also include film fiber as well as spunbonded polypropylene.

d. Include singles and plied.

e. Acetate staple+tow data are available annually only; see pages 36 & 37 of the March/April 1984 issue for further details.

f. These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345 & .4346.

TABLE 11: QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q	1982 YEAR	1983 1ST Q	1983 2ND Q	1983 3RD Q	1983 4TH Q	1983 YEAR	1984 1ST Q	1984 2ND Q	1984 3RD Q	1984 4TH Q	1984 YEAR
							STAPLE+TOW[a]								
RAYON															
PRODUCTION	**96.2**	**86.7**	**87.8**	**84.3**	**355.0**	**92.6**	**92.1**	**92.1**	**98.0**	**374.8**	**104.0**	**103.7**	**94.0**	**87.5**	**389.2**
SHIPMENTS - DOMESTIC	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5	81.6	77.1	331.9
- EXPORT	13.4	16.8	15.3	21.0	66.5	6.9	11.7	15.1	10.2	43.9	11.3	20.3	10.3	10.2	52.1
TOTAL SHIPMENTS	**91.0**	**86.6**	**87.4**	**95.2**	**360.2**	**87.0**	**94.7**	**99.7**	**96.0**	**377.4**	**102.0**	**102.8**	**91.9**	**87.3**	**384.0**
ENDING STOCK	**36.3**	**36.4**	**36.8**	**25.9**		**31.5**	**28.9**	**21.3**	**23.3**		**25.3**	**26.2**	**28.3**	**28.5**	
DOMESTIC SHIPMENTS	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5	81.6	77.1	331.9
IMPORTS FOR CONSUMPTION															
STAPLE	3.5	2.4	3.7	2.3	11.9	2.1	3.9	3.3	3.5	12.8	4.4	3.2	3.9	3.9	15.4
GROUPED FILAMENTS	0.3	0.4	0.4	0.4	1.5	0.2	0.2	0.2	0.3	0.9	0.4	0.3	0.5	0.4	1.6
TOTAL IMPORTS	3.8	2.8	4.1	2.7	13.4	2.3	4.1	3.5	3.8	13.7	4.8	3.5	4.4	4.3	17.0
TOTAL AVAILABLE	**81.4**	**72.6**	**76.2**	**76.9**	**307.1**	**82.4**	**87.1**	**88.1**	**89.6**	**347.2**	**95.5**	**86.0**	**86.0**	**81.4**	**348.9**
NYLON[b]															
PRODUCTION	**140.5**	**169.3**	**191.1**	**184.1**	**685.0**	**196.4**	**234.9**	**252.4**	**242.7**	**926.4**	**220.9**	**216.6**	**193.0**	**204.3**	**834.8**
SHIPMENTS - DOMESTIC	141.9	170.8	185.8	174.8	673.3	196.0	243.5	236.2	221.4	897.1	211.1	210.6	194.5	198.2	814.4
- EXPORT	4.1	4.2	3.1	5.2	16.6	3.3	3.7	3.0	4.1	14.1	5.6	3.1	4.6	3.6	16.9
TOTAL SHIPMENTS	**146.0**	**175.0**	**188.9**	**180.0**	**689.9**	**199.3**	**247.2**	**239.2**	**225.5**	**911.2**	**216.7**	**213.7**	**199.1**	**201.8**	**831.3**
ENDING STOCK	**59.3**	**53.6**	**55.8**	**59.9**		**57.0**	**44.7**	**57.9**	**75.1**		**79.3**	**82.2**	**76.1**	**78.6**	
IMPORTS	1.0	0.7	5.0	4.8	11.5	5.6	7.6	6.1	8.4	27.7	7.9	7.8	12.1	10.5	38.3
TOTAL AVAILABLE	**142.9**	**171.5**	**190.8**	**179.6**	**684.8**	**201.6**	**251.1**	**242.3**	**229.8**	**924.8**	**219.0**	**218.4**	**206.6**	**208.7**	**852.7**
ACRYLIC+MODACRYLIC															
PRODUCTION	**149.6**	**171.1**	**158.5**	**144.9**	**624.1**	**160.4**	**178.4**	**168.8**	**162.9**	**670.5**	**171.7**	**174.9**	**164.7**	**159.5**	**670.8**
SHIPMENTS - DOMESTIC	108.1	127.9	113.6	108.3	457.9	120.1	129.3	127.9	114.9	492.2	120.6	124.2	107.7	94.2	446.7
- EXPORT	46.4	41.5	42.7	43.7	174.3	41.3	44.9	35.3	41.0	162.5	48.5	51.3	60.7	59.0	219.5
TOTAL SHIPMENTS	**154.5**	**169.4**	**156.3**	**152.0**	**632.2**	**161.4**	**174.2**	**163.2**	**155.9**	**654.7**	**169.1**	**175.5**	**168.4**	**153.2**	**666.2**
ENDING STOCK	**60.2**	**61.9**	**64.1**	**57.0**		**56.0**	**60.2**	**65.8**	**72.8**		**75.4**	**74.8**	**71.1**	**77.4**	
IMPORTS	2.0	1.3	1.7	2.9	7.9	2.3	3.9	4.0	3.4	13.6	3.3	3.8	3.9	2.5	13.5
TOTAL AVAILABLE	**110.1**	**129.2**	**115.3**	**111.2**	**465.8**	**122.4**	**133.2**	**131.9**	**118.3**	**505.8**	**123.9**	**128.0**	**111.6**	**96.7**	**460.2**
OLEFIN+VINYON															
PRODUCTION	**35.8**	**30.8**	**37.6**	**34.0**	**138.2**	**37.9**	**42.9**	**49.9**	**58.9**	**189.6**	**57.3**	**61.8**	**64.4**	**66.4**	**249.9**
SHIPMENTS - DOMESTIC	29.3	39.9	36.4	33.3	138.9	39.7	44.1	45.1	54.5	183.4	53.7	61.0	62.7	63.5	240.9
- EXPORT	0.6	0.6	1.6	2.1	4.9	0.7	1.9	2.6	1.1	6.3	3.8	0.6	0.5	0.9	5.8
TOTAL SHIPMENTS	**29.9**	**40.5**	**38.0**	**35.4**	**143.8**	**40.4**	**46.0**	**47.7**	**55.6**	**189.7**	**57.5**	**61.6**	**63.2**	**64.4**	**246.7**
ENDING STOCK	**31.6**	**21.9**	**21.5**	**20.1**		**17.6**	**14.5**	**16.7**	**20.0**		**19.8**	**20.0**	**21.2**	**23.2**	
POLYESTER															
PRODUCTION	**538.7**	**459.6**	**447.4**	**509.5**	**1955.2**	**492.0**	**559.3**	**561.7**	**571.1**	**2184.1**	**561.6**	**573.5**	**531.4**	**525.3**	**2191.8**
SHIPMENTS - DOMESTIC	437.3	445.3	428.9	456.0	1767.5	487.6	540.4	538.1	533.1	2099.2	514.2	527.7	481.3	469.0	1992.2
- EXPORT	86.4	28.3	25.8	33.6	174.1	30.1	22.4	21.8	24.3	98.6	32.8	34.6	44.8	88.0	200.2
TOTAL SHIPMENTS	**523.7**	**473.6**	**454.7**	**489.6**	**1941.6**	**517.7**	**562.8**	**559.9**	**557.4**	**2197.8**	**547.0**	**562.3**	**526.1**	**557.0**	**2192.4**
ENDING STOCK	**189.2**	**175.2**	**167.9**	**187.8**		**162.1**	**158.6**	**160.4**	**174.1**		**188.7**	**199.9**	**205.2**	**173.5**	
IMPORTS	1.9	1.7	1.8	1.9	7.3	2.8	2.1	4.1	12.5	21.5	7.8	5.5	5.2	4.4	22.9
TOTAL AVAILABLE	**439.2**	**447.0**	**430.7**	**457.9**	**1774.8**	**490.4**	**542.5**	**542.2**	**545.6**	**2120.7**	**522.0**	**533.2**	**486.5**	**473.4**	**2015.1**
TOTAL NONCELLULOSIC															
PRODUCTION	**864.6**	**830.8**	**834.6**	**872.5**	**3402.5**	**886.7**	**1015.5**	**1032.8**	**1035.6**	**3970.6**	**1011.5**	**1026.8**	**953.5**	**955.5**	**3947.3**
SHIPMENTS - DOMESTIC	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5	846.2	824.9	3494.2
- EXPORT	137.5	74.6	73.2	84.6	369.9	75.4	72.9	62.7	70.5	281.5	90.7	89.6	110.6	151.5	442.4
TOTAL SHIPMENTS	**854.1**	**858.5**	**837.9**	**857.0**	**3407.5**	**918.8**	**1030.2**	**1010.0**	**994.4**	**3953.4**	**990.3**	**1013.1**	**956.8**	**976.4**	**3936.6**
ENDING STOCK	**340.3**	**312.6**	**309.3**	**324.8**		**292.7**	**278.0**	**300.8**	**342.0**		**363.2**	**376.9**	**373.6**	**352.7**	
DOMESTIC SHIPMENTS	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5	846.2	824.9	3494.2
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE[f]	4.9	3.7	8.5	9.6	26.7	10.7	13.6	14.2	24.3	62.8	19.0	17.1	21.2	17.4	74.7
OTHER N.C. STAPLE	1.8	3.8	4.0	1.9	11.5	2.7	2.5	1.5	3.6	10.3	4.6	4.2	5.3	3.5	17.6
GROUPED FILAMENTS	2.9	3.1	2.9	4.1	13.0	5.4	8.1	6.1	8.9	28.5	11.0	9.5	9.6	8.7	38.8
TOTAL IMPORTS	9.6	10.6	15.4	15.6	51.2	18.8	24.2	21.8	36.8	101.6	34.6	30.8	36.1	29.6	131.1
TOTAL AVAILABLE	**726.2**	**794.5**	**780.1**	**788.0**	**3088.8**	**862.2**	**981.5**	**969.1**	**960.7**	**3773.5**	**934.2**	**954.3**	**882.3**	**854.5**	**3625.3**

See footnotes on opposite page.

TABLE 12: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE[a] 1985	1984
	TOTAL SHIPMENTS[b]							
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**14.3**						**14.3**	**17.8**
NYLON[e] - INDUSTRIAL[f]	32.1						32.1	28.1
- LOW DENIER INDUSTRIAL[g]	2.3						2.3	3.1
- CARPET	57.1						57.1	70.0
- TEXTILE	30.5						30.5	34.3
POLYESTER - INDUSTRIAL[f]	26.4						26.4	24.5
- LOW DENIER INDUSTRIAL[g]	1.6						1.6	1.9
- TEXTILE	69.5						69.5	84.9
OLEFIN[h]	78.0						78.0	52.6
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**						**297.5**	**299.4**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**29.0**						**29.0**	**32.4**
NYLON[e]	70.5						70.5	80.0
ACRYLIC+MODACRYLIC	51.5						51.5	53.0
POLYESTER	162.4						162.4	172.5
OLEFIN+VINYON	21.4						21.4	18.6
TOTAL NONCELLULOSIC ABOVE	**305.8**						**305.8**	**324.1**
	END-OF-MONTH STOCK							
YARN+MONOFILAMENTS								
ACETATE	**13.1**						**13.1**	**14.3**
NYLON[e] - INDUSTRIAL[f]	28.8						28.8	23.2
- LOW DENIER INDUSTRIAL[g]	6.2						6.2	4.0
- CARPET	68.0						68.0	54.0
- TEXTILE	43.1						43.1	36.3
POLYESTER - INDUSTRIAL[f]	24.3						24.3	22.0
- LOW DENIER INDUSTRIAL[g]	2.8						2.8	3.4
- TEXTILE	79.7						79.7	77.2
OLEFIN[h]	62.0						62.0	58.1
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**						**314.9**	**278.2**
STAPLE+TOW+FIBERFILL								
RAYON	**30.3**						**30.3**	**25.1**
NYLON[e]	69.7						69.7	70.2
ACRYLIC+MODACRYLIC	76.6						76.6	77.3
POLYESTER	191.8						191.8	180.2
OLEFIN+VINYON	26.1						26.1	20.4
TOTAL NONCELLULOSIC ABOVE	**364.2**						**364.2**	**348.1**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL								
CARPET CLASS WOOL								
TOTAL RAW WOOL								
RAW COTTON								

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[a] Year-to-date totals except for stock, which is the latest month's data.

[b] The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

[c] Producers' total domestic plus export shipments.

[d] Rayon yarn data are available annually only; see page 37 of the March/April 1984 issue.

[e] Data for nylon exclude aramid.

[f] Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

[g] Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

[h] Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

[i] Saran and spandex data are not included in these totals. See page 37 of the March/April 1984 issue for annual data on these yarns.

[j] Acetate staple+tow data are available annually only; see page 37 of the March/April 1984 issue.

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Textile Organon

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MONTHLY REVIEW

Highlights

Textile Organon Features:

1984: A Year in Perspective . . . begins on page 40.

International Trade Supplement . . . begins on page 47.

Trade Barometer . . . begins on page 52.

1984 End Use Results:

Filament Yarn Domestic Shipments Fall to 3,489 Million Pounds . . . see page 58.

Staple & Tow Domestic Shipments fall to 3,826 Million Pounds . . . see page 59.

Domestic Shipments For Apparel Fall . . . see pages 58-59.

As olefin yarn+monofilaments set yet another record, shipments of other key products fell in February--

- *Nylon carpet yarn* shipments fell to the lowest level since February 1983.
- *Nylon staple+tow* shipments fell to the lowest level since July 1984.

But other key products did well--

- *Polyester textile yarn* shipments rose to the highest level since November 1984.
- *Polyester staple+tow* shipments rose sharply in February.
- *Acrylic+Modacrylic staple+tow* shipments rose to the highest level since September 1984.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1985			1984		YEAR TO DATE		
	FEB	JAN	%[a]	FEB	%[b]	1985	1984	%[c]
YARN+MONOFILAMENTS								
ACETATE	**14.4**	**14.3**	*+0.7*	**16.9**	*-14.8*	**28.4**	**34.7**	*-18.2*
NYLON[d] - INDUSTRIAL	31.0	32.1	*-3.4*	29.9	*+3.7*	63.1	58.0	*+8.8*
- LOW DENIER INDUSTRIAL	2.2	2.3	*-4.3*	3.0	*-26.7*	4.5	6.1	*-26.2*
- CARPET	51.9	57.1	*-9.1*	62.9	*-17.5*	109.0	132.9	*-18.0*
- TEXTILE	27.0	30.5	*-11.5*	31.3	*-13.7*	57.5	65.6	*-12.3*
POLYESTER - INDUSTRIAL	24.5	26.4	*-7.2*	25.2	*-2.8*	50.9	49.7	*+2.4*
- LOW DENIER INDUSTRIAL	1.6	1.6	--	2.1	*-23.8*	3.2	4.0	*-20.0*
- TEXTILE	75.6	69.5	*+8.8*	69.9	*+8.2*	145.1	154.8	*-6.3*
OLEFIN	79.9	78.0	*+2.4*	56.9	*+40.4*	157.9	109.5	*+44.2*
TOTAL NONCELLULOSIC ABOVE	**293.7**	**297.5**	*-1.3*	**281.2**	*+4.4*	**591.2**	**580.6**	*+1.8*
STAPLE+TOW+FIBERFILL								
RAYON	**25.0**	**29.0**	*-13.8*	**31.6**	*-20.9*	**54.0**	**64.0**	*-15.6*
NYLON[d]	60.6	70.5	*-14.0*	65.9	*-8.0*	131.1	145.9	*-10.1*
ACRYLIC+MODACRYLIC	55.0	51.5	*+6.8*	52.2	*+5.4*	106.5	105.2	*+1.2*
POLYESTER	169.5	162.4	*+4.4*	177.5	*-4.5*	331.9	350.0	*-5.2*
OLEFIN+VINYON	23.1	21.4	*+7.9*	18.5	*+24.9*	44.5	37.1	*+19.9*
TOTAL NONCELLULOSIC ABOVE	**308.2**	**305.8**	*+0.8*	**314.1**	*-1.9*	**614.0**	**638.2**	*-3.8*

-- means no change

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

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A MONTHLY REVIEW

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DATAGRAM

1984 DOMESTIC CONSUMPTION OF FIBER RISES

In 1984, domestic consumption of man-made fiber, cotton & wool rose to 13,059 million pounds, up 2½% from 1983.

Yet the growth in consumption did not take place at the U.S. mill level, but rather came as a result of greatly increased imports of textiles and manufactures.

U.S. mill consumption in 1984 fell 3% to 10,774 million pounds.

A review of 1984 U.S. mill consumption by fiber--

- Man-made fiber fell 2.6% to 7,938 million pounds.
- Cotton fell 4½% to 2,669 million pounds.
- Wool rose marginally to 163 million pounds.

More than offsetting any decline in mill consumption, imports of textiles and manufactures hit record levels in 1984, growing 28% to 2,996 million pounds.

- Imports of man-made fiber manufactures grew 25%.
- Imports of cotton manufactures grew 29%.
- Imports of wool manufactures grew 44%.

1983 NET-AVAILABLE SUPPLY RESULTS

The U.S. man-made fiber and spun yarn available supply in 1983 stood at 6,843.8 million pounds. This compares to--

- Africa, Asia & Oceania: 5,295.9 million pounds.
- West Europe: 5,152.2 million pounds.
- Japan: 3,727.0 million pounds.
- Other Americas: 1,952.4 million pounds.

ZIMMER AG TO BUILD FIVE POLYESTER PLANTS IN CHINA

Zimmer AG, West Germany, has received an order from China to construct polyester plants in the Baoding, Tongling, Acheng, Dandong and Benxi provinces. Scheduled for commissioning in 1986, the five plants will produce both POY and FOY. (DNR, 3/21/85)

ENKA TO MODERNIZE POLYESTER PRODUCTION

Enka has announced plans to modernize its Oberbruch, West Germany, polyester fiber plant and its Netherlands polyester facility at Emmen. The modernization will include scrapping dated equipment to be replaced by modern machinery. (European Chemical News, 3/18/85)

AVTEX TO DISCONTINUE ACETATE PRODUCTION

Avtex Fibers, Inc., intends to end production of acetate yarn by the end of April at its Meadville, PA plant. The plant will, however, continue to manufacture vinyon staple. (DNR, 4/1/85)

1984: A YEAR IN PERSPECTIVE

In 1984, U.S. mill consumption of man-made fiber fell nearly 3%. This decline in annual consumption compares to a 4½% decline in cotton mill consumption and a marginal increase in wool mill consumption (Graph 1).

The most significant cause for the drop in man made fiber mill consumption was a decline in polyester consumption of 8½% in 1984.

However, man made fiber registered an increase in market share when compared to the total mill consumption for man made fiber, cotton and wool. In 1984, the man-made fiber share of the total rose to 73.7%, while cotton fell to 24.8% and wool remained unchanged at 1.5%. This is the second straight year of declining share for cotton.

Exports of man made fiber, cotton and wool manufacturers rose marginally in 1984 to 707.7 million pounds. But the balance of trade in these manufactures seriously deteriorated in 1984 as there was a net-import balance of 2,288.5 million pounds, 59% above the 1983 net-import balance of 1,442.1 million pounds.

On the strength of greatly increased imports of manufactures, domestic consumption of man made fiber, cotton & wool rose 2½% in 1984 to 13,059.1 million pounds (Graph 2).

Domestic consumption of man made fiber totaled 8,792.1 million pounds, up ½%; cotton totaled 3,929.5 million pounds, up 6%; and wool totaled 337.5 million pounds, up 23% (Graph 3). Imports of manufactures rose 28% in 1984 to 2,996.2 million pounds. Imports represented 23% of domestic consumption in 1984. This compares to 18% in 1983, 16% in 1982 and 15% in 1981.

TABLE 2: MILL CONSUMPTION BY FIBER

BILLION POUNDS

YEAR	RAYON	ACETATE[a]	NYLON[b]	POLYESTER	ACRYLIC[c]	OLEFIN	GLASS[d]	COTTON	WOOL	TOTAL
1970	0.9	0.5	1.3	1.6	0.5	0.2	0.1	3.8	0.3	9.2
1971	1.0	0.5	1.7	2.0	0.5	0.3	0.1	4.0	0.2	10.3
1972	1.0	0.4	2.1	2.5	0.6	0.4	0.2	3.9	0.2	11.3
1973	1.0	0.4	2.3	3.1	0.7	0.5	0.2	3.6	0.2	12.0
1974	0.8	0.3	2.0	2.9	0.6	0.5	0.2	3.3	0.1	10.7
1975	0.5	0.3	2.0	3.1	0.5	0.5	0.1	3.1	0.1	10.2
1976	0.6	0.3	2.1	3.3	0.6	0.5	0.1	3.4	0.1	11.0
1977	0.6	0.3	2.3	3.6	0.7	0.6	0.1	3.2	0.1	11.5
1978	0.6	0.3	2.5	3.7	0.6	0.7	0.2	3.0	0.1	11.7
1979	0.5	0.3	2.7	3.8	0.6	0.7	0.2	3.1	0.1	12.0
1980	0.5	0.3	2.3	3.5	0.6	0.7	0.2	3.1	0.1	11.3
1981	0.5	0.2	2.2	3.5	0.5	0.8	0.1	2.7	0.2	10.7
1982	0.3	0.2	1.9	2.9	0.5	0.8	0.1	2.5	0.1	9.3
1983	0.4	0.2	2.4	3.5	0.5	0.9	0.2	2.8	0.2	11.1
1984	0.4	0.2	2.4	3.2	0.5	1.0	0.2	2.7	0.2	10.8

a. Includes triacetate. Cigarette tow is excluded.
b. Includes aramid for all years but 1983 and 1984.
c. Includes modacrylic.
d. Includes only glass fibers for Textile End Uses. See page 43 for Total Shipments of Glass Fibers.

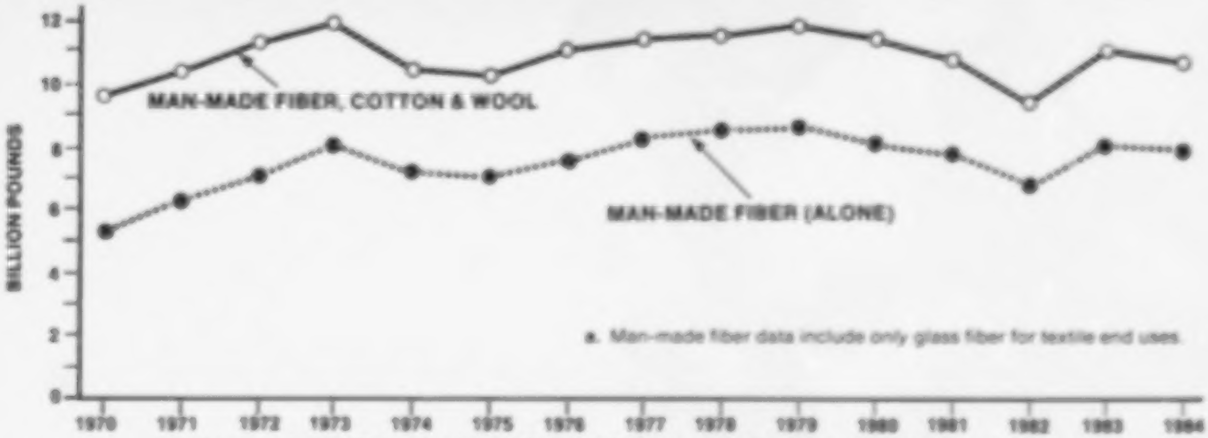
TABLE 3: U.S. MILL CONSUMPTION OF MAN-MADE FIBER[a], COTTON & WOOL

MILLION POUNDS & PERCENT

YEAR	MAN-MADE FIBER[a]	%[b]	%[c]	COTTON	%[b]	%[c]	WOOL	%[b]	%[c]	TOTAL	%[b]	%[c]
1970	5240.6	--	56.5	3773.6	--	40.6	273.3	--	2.9	9287.5	--	100.0
1971	6204.3	+18.4	59.7	3965.1	+5.1	38.2	219.3	-19.8	2.1	10388.7	+11.8	100.0
1972	7155.3	+15.3	63.6	3849.8	-2.9	34.2	246.9	+12.6	2.2	11252.0	+8.3	100.0
1973	8145.5	+13.8	68.0	3643.3	-5.4	30.5	182.1	-26.2	1.5	11970.9	+6.4	100.0
1974	7221.8	-11.3	67.8	3306.1	-9.3	31.1	116.5	-36.0	1.1	10644.4	-11.1	100.0
1975	7003.2	-3.0	68.6	3068.7	-7.2	30.1	132.0	+13.3	1.3	10203.9	-4.1	100.0
1976	7511.9	+7.3	68.0	3389.0	+10.4	30.7	145.9	+10.5	1.3	11046.8	+8.3	100.0
1977	8237.2	+9.6	71.4	3169.8	-6.5	27.5	133.9	-8.2	1.1	11540.9	+4.5	100.0
1978	8494.7	+3.1	72.8	3040.4	-4.1	26.0	141.6	+5.7	1.2	11676.7	+1.2	100.0
1979	8696.9	+2.4	73.1	3066.4	+0.8	25.8	134.4	-5.1	1.1	11897.7	+1.9	100.0
1980	8063.5	-7.3	71.6	3064.4	-0.1	27.2	137.8	+2.5	1.2	11265.7	-5.3	100.0
1981	7862.0	-2.5	73.2	2730.8	-10.9	25.4	152.7	+10.8	1.4	10745.5	-4.6	100.0
1982	6775.1	-13.8	72.2	2478.9	-9.2	26.4	129.5	-15.2	1.4	9383.5	-12.7	100.0
1983	8153.9	+20.3	73.4	2795.7	+12.8	25.1	162.5	+25.5	1.5	11112.1	+18.4	100.0
1984	7938.1	-2.6	73.7	2669.3	-4.5	24.8	163.2	+0.4	1.5	10770.6	-3.1	100.0

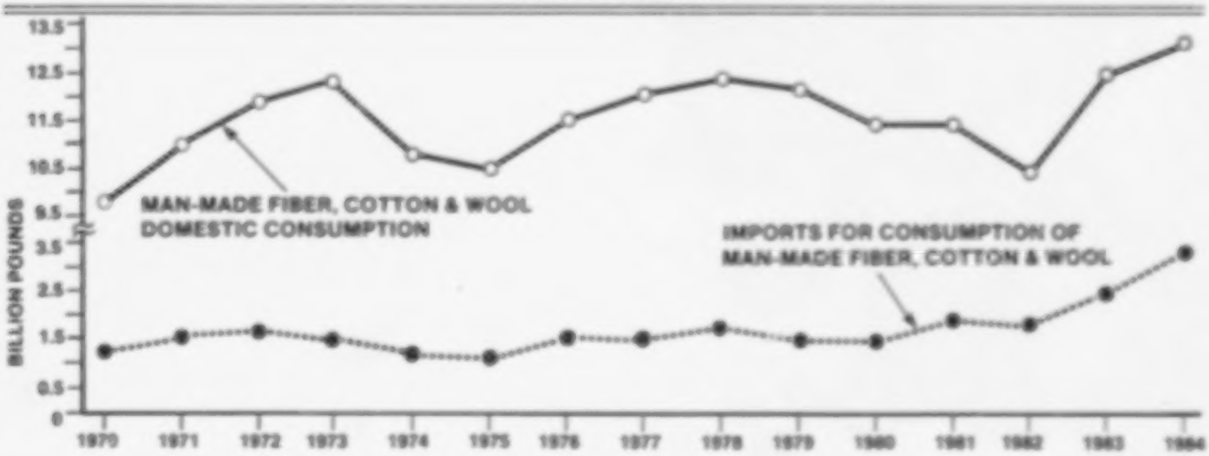
a. Man-made fiber data include *only* glass fiber for textile end uses, see page 43 for total shipments and total consumption of glass fiber.
b. Percent change from year to year.
c. Percent change of total fiber consumption.

GRAPH 1: U.S. MILL CONSUMPTION OF MAN-MADE FIBER[a], COTTON & WOOL
BILLION POUNDS



a. Man-made fiber data include only glass fiber for textile end uses.

GRAPH 2: DOMESTIC CONSUMPTION OF MAN-MADE FIBER, COTTON & WOOL VERSUS IMPORTS OF FIBER & MANUFACTURES
BILLION POUNDS



GRAPH 3: DOMESTIC CONSUMPTION DETAIL: MAN-MADE FIBER, COTTON & WOOL
BILLION POUNDS

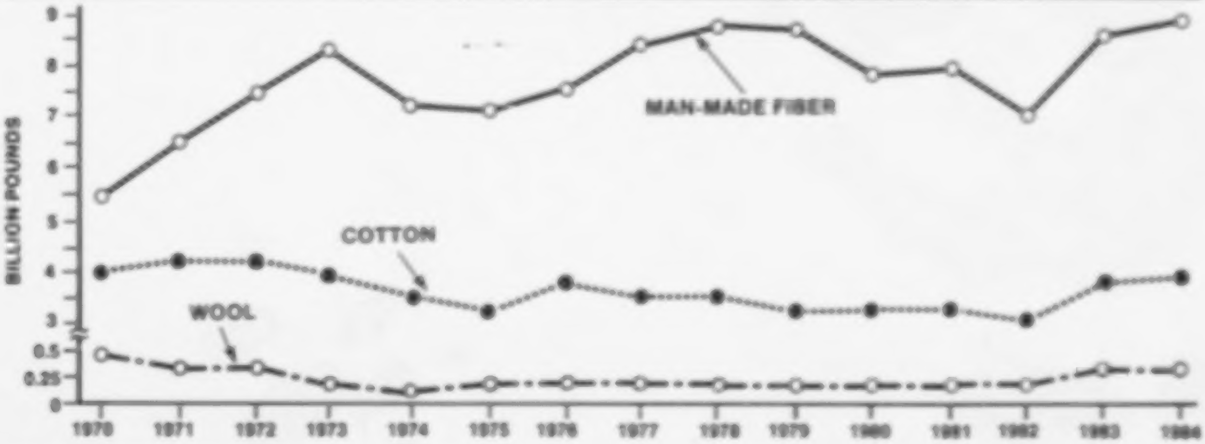


TABLE 4: MAN-MADE FIBER PRODUCTION

MILLION POUNDS

ANNUALLY
1961-1984

YEAR	CELLULOSIC									NONCELLULOSIC FIBER[c-h]			TOTAL TO THE LEFT	TOTAL GLASS FIBER[i]	TOTAL MAN-MADE FIBER
	RAYON YARN[a]			ACET YARN[b]	TOTAL YARN	STAPLE+TOW			TOTAL R+A						
	INDUS	TEXT	TOTAL			RAYON	ACET[b]	TOTAL		YARN	STAPLE	TOTAL			
1961	251.0	141.7	392.7	249.0	641.7	400.5	53.0	453.5	1095.2	497.2	253.7	750.9	1846.1	149.3	1995.4
1962	272.0	148.4	420.4	305.7	726.1	500.0	46.0	546.0	1272.1	627.4	345.5	972.9	2245.0	190.3	2435.3
1963	246.0	154.2	400.2	309.5	709.7	579.1	60.0	639.1	1348.8	712.8	443.2	1156.0	2504.8	191.9	2696.7
1964	258.2	153.4	411.6	365.9	777.5	594.3	60.0	654.3	1431.8	847.6	559.1	1406.7	2838.5	239.5	3078.0
1965	264.6	169.2	433.8	391.2	825.0	648.0	54.0	702.0	1527.0	997.7	782.4	1780.1	3307.1	282.3	3589.4
1966	235.8	169.7	405.5	394.3	799.8	659.2	60.0	719.2	1519.0	1164.7	918.1	2082.8	3601.8	332.4	3934.2
1967	161.2	147.9	309.1	425.6	734.7	603.4	50.0	653.4	1388.1	1215.4	1137.9	2353.3	3741.4	308.8	4050.2
1968	202.4	162.9	365.3	439.9	805.2	739.1	50.0	789.1	1594.3	1662.1	1567.3	3229.4	4823.7	402.7	5226.4
1969	168.6	150.6	319.2	455.2	774.4	758.8	43.0	801.8	1576.2	1766.9	1761.0	3527.9	5104.1	501.4	5605.5
1970	146.4	121.2	267.6	463.2	730.8	607.4	35.0	642.4	1373.2	1793.4	1792.8	3586.2	4959.4	467.3	5426.7
1971	180.4	123.0	303.4	449.3	752.7	611.7	26.5	638.2	1390.9	2187.9	2104.9	4292.8	5683.7	468.2	6151.9
1972	146.7	105.0	251.7	401.4	653.1	713.2	28.0	741.2	1394.3	2773.3	2582.4	5355.7	6750.0	571.6	7321.6
1973	121.7	76.4	198.1	437.2	635.3	696.7	25.0	721.7	1357.0	3339.6	2969.8	6309.4	7666.4	688.0	8354.4
1974	112.9	58.9	171.8	361.6	533.4	645.4	20.0	665.4	1198.8	3443.0	2780.6	6223.6	7422.4	682.9	8105.3
1975	46.1	18.7	64.8	301.3	366.1	370.9	12.0	382.9	749.0	3208.9	2676.8	5885.7	6634.7	546.5	7181.2
1976	52.3	15.3	67.6	286.9	354.5	475.4	11.0	486.4	840.9	3306.4	3320.2	6626.6	7467.5	676.0	8143.5
1977	55.3	15.4	70.7	282.0	352.7	527.0	8.0	535.0	887.7	3674.1	3653.8	7327.9	8215.6	786.7	9002.3
1978	47.0	15.0	62.0	300.9	362.9	534.6	7.0	541.6	904.5	3830.3	3952.7	7783.0	8687.5	923.3	9610.8
1979	41.7	15.1	56.8	316.6	373.4	549.4	7.0	556.4	929.8	4154.3	4282.3	8436.6	9366.4	1014.4	10380.8
1980	32.2	15.0	47.2	308.5	355.7	443.3	7.0	450.3	806.0	3744.3	4148.2	7892.5	8698.5	867.3	9565.8
1981	33.4	15.1	48.5	257.0	305.5	460.6	4.0	464.6	770.1	3814.8	4191.1	8005.9	8776.0	1041.1	9817.1
1982	20.8	12.4	33.2	195.2	228.4	355.0	1.0	356.0	584.4	3057.4	3402.5	6459.9	7044.3	899.2	7943.5
1983	15.3	11.2	26.5	227.6	254.1	374.8	1.4	376.2	630.3	3567.8	3970.6	7538.4	8168.7	1167.2	9335.9
1984	20.2	12.1	32.3	198.2	230.5	389.2	0.4	389.6	620.1	3524.4	3947.3	7471.7	8091.8	1394.0	9485.8

TABLE 5: NONCELLULOSIC FIBER PRODUCTION DETAIL

MILLION POUNDS

YEAR	YARN+MONOFILAMENTS					STAPLE+TOW+FIBERFILL				
	NYLON[c]	OLEFIN[d]	ESTER[e]	OTHER[f]	TOTAL	NYLON[c]	ACRYL[g]	ESTER[e]	OTHER[h]	TOTAL
1961	441.7	18.9	36.6		497.2	34.2	140.1	77.4	2.0	253.7
1962	562.0	24.3	41.1		627.4	50.7	170.0	119.6	5.2	345.5
1963	630.0	30.3	52.5		712.8	61.5	209.7	166.6	5.4	443.2
1964	736.1	45.4	66.1		847.6	69.3	287.7	192.4	9.7	559.1
1965	846.1	65.6	86.0		997.7	93.7	368.4	305.2	15.1	782.4
1966	961.4	100.8	102.5		1164.7	118.7	352.9	409.3	37.2	918.1
1967	944.6	118.0	152.8		1215.4	124.6	397.7	568.1	47.5	1137.9
1968	1188.4	206.6	267.1		1662.1	162.1	521.0	827.3	56.9	1567.3
1969	1188.0	202.7	376.2		1766.9	223.2	533.0	938.8	66.0	1761.0
1970	1137.9	200.4	455.1		1793.4	216.8	491.9	1022.3	61.8	1792.8
1971	1237.9	261.8	688.2		2187.9	357.4	545.2	1142.5	59.8	2104.9
1972	1463.9	346.5	951.7	11.2	2773.3	510.6	625.9	1376.2	69.7	2582.4
1973	1582.8	423.8	1319.8	13.2	3339.6	591.9	742.1	1568.0	67.8	2969.8
1974	1560.0	463.1	1408.0	11.9	3443.0	563.7	631.2	1517.5	68.2	2780.6
1975	1295.4	442.9	1458.9	11.7	3208.9	561.9	524.6	1536.2	54.1	2676.8
1976	1372.5	515.7	1404.7	13.5	3306.4	702.7	621.0	1935.6	60.9	3320.2
1977	1512.4	554.1	1592.1	15.5	3674.1	813.7	708.8	2050.1	81.2	3653.8
1978	1654.0	596.6	1563.7	16.0	3830.3	895.9	725.7	2235.8	95.3	3952.7
1979	1781.6	639.1	1715.6	18.0	4154.3	938.8	761.1	2462.2	120.2	4282.3
1980	1631.1	632.2	1462.0	19.0	3744.3	726.6	779.2	2526.7	115.7	4148.2
1981	1580.7	642.9	1569.2	22.0	3814.8	751.8	690.8	2606.5	142.0	4191.1
1982	1241.6	585.2	1213.6	17.0	3057.4	685.0	624.1	1955.2	138.2	3402.5
1983	1492.2	716.1	1359.5	NA	3567.8	926.4	670.5	2184.1	189.6	3970.6
1984	1577.3	747.1	1200.0	NA	3524.4	834.8	670.8	2191.8	249.9	3947.3

NA No longer available.

a. Includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments. Beginning January 1965, the high tenacity rayon yarn of 900 denier & finer is tabulated with regular tenacity yarn.

b. Includes diacetate and triacetate. The acetate staple+tow data do not include the poundages produced for cigarette filtration purposes.

c. Excludes aramid in 1983 & 1984.

d. Includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

e. Ester means polyester.

f. Other yarn is chiefly saran and spandex in recent years.

g. Includes modacrylic.

h. Other staple+tow includes only olefin and vinyon for recent years. Earlier years' data are on pages 8 & 9 of the January 1962 ORGANON Base Book issue and page 4 of the January-February 1971 issue.

i. Includes both textile and non-textile types of glass.

TABLE 6: MAN-MADE FIBER DISTRIBUTION

ANNUALLY
1961-1984

MILLION POUNDS

CELLULOSIC

	YARN+MONOFILAMENTS							STAPLE+TOW							TOTAL GLASS FIBER[i]				
	PRODUCERS' SHIPMENTS							PRODUCERS' SHIPMENTS							PRODUCERS' SHIPMENTS				
	TO DOM. CONSUMERS[a]							TO DOM. CONSUMERS											
YEAR	RAYON	ACET	TOTAL	EX-PORTS	TOTAL	IM-PORTS	DO-MESTIC CONS	RAYON	ACET[b]	TOTAL	EX-PORTS	TOTAL	IM-PORTS	DO-MESTIC CONS	DO-MESTIC	EX-PORTS	TOTAL	IM-PORTS	DO-MESTIC CONS
1961	385.2	240.8	626.0	33.1	659.1	1.8	627.8	411.8	51.4	463.2	2.8	466.0	37.0	500.2	147.2	6.0	153.2	--	147.2
1962	384.6	281.7	666.3	44.9	711.2	2.6	668.9	499.2	44.4	543.6	3.8	547.4	50.9	594.5	177.5	6.6	184.1	--	177.5
1963	380.7	305.0	685.7	39.7	725.4	1.7	687.4	578.8	57.5	636.3	4.9	641.2	116.5	752.8	182.0	8.5	190.5	--	182.0
1964	399.6	363.8	763.4	28.5	791.9	5.2	768.6	575.7	57.5	633.2	7.7	640.9	114.5	747.7	220.6	11.8	232.4	--	220.6
1965	409.3	366.4	775.7	22.1	797.8	6.8	782.5	636.3	54.4	690.7	8.4	699.1	77.2	767.9	268.2	18.7	286.9	--	268.2
1966	389.6	387.5	777.1	15.2	792.3	3.7	780.8	636.5	59.0	695.5	9.4	704.9	114.8	810.3	314.2	7.9	322.1	1.1	315.3
1967	311.1	421.0	732.1	18.2	750.3	7.7	739.8	625.9	49.5	675.4	4.3	679.7	85.0	760.4	302.7	8.2	310.9	1.0	303.7
1968	353.5	426.4	779.9	17.6	797.5	14.6	794.5	720.0	48.5	768.5	5.4	773.9	125.0	893.5	383.7	12.1	395.8	0.1	383.8
1969	294.7	444.7	739.4	16.0	755.4	4.1	743.5	737.9	42.3	780.2	5.0	785.2	91.2	871.4	460.4	17.7	478.1	0.1	460.5
1970	251.1	444.8	695.9	38.3	734.2	3.7	699.6	599.9	34.3	634.2	7.8	642.0	80.6	714.8	404.2	29.9	434.1	0.7	404.9
1971	297.0	432.3	729.3	33.2	762.5	5.2	734.5	643.6	26.2	669.8	3.7	673.5	81.3	751.1	464.9	17.4	482.3	1.8	466.7
1972	246.9	385.9	632.8	23.9	656.7	10.8	643.6	690.7	27.7	718.4	2.0	720.4	51.3	769.7	559.8	17.5	577.3	9.4	569.2
1973	197.6	392.3	589.9	60.7	650.6	18.1	608.0	709.5	25.0	734.5	14.7	749.2	47.4	781.9	663.0	36.5	699.5	13.0	676.0
1974	153.1	320.3	473.4	48.8	522.2	9.2	482.6	569.5	19.7	589.2	36.0	625.2	38.7	627.9	619.3	38.0	657.3	11.5	630.8
1975	74.9	293.7	368.6	32.9	401.5	9.2	377.8	373.4	12.0	385.4	20.2	405.6	37.9	423.3	524.6	18.3	542.9	8.9	533.5
1976	65.1	249.4	314.5	40.3	354.8	25.1	339.6	461.0	11.0	472.0	35.6	507.6	43.2	515.2	663.3	35.0	698.3	14.3	677.6
1977	68.1	259.4	327.5	25.2	352.7	23.5	351.0	444.9	8.0	452.9	62.3	515.2	57.8	510.7	769.3	28.9	798.2	22.0	791.3
1978	63.0	274.6	337.6	27.6	365.2	25.7	363.3	459.2	7.0	466.2	96.5	562.7	41.1	507.3	864.9	27.7	892.6	21.8	886.7
1979	55.0	288.4	343.4	31.8	375.2	13.3	356.7	442.4	7.0	449.4	100.1	549.5	16.5	465.9	912.2	48.3	960.5	10.4	922.6
1980	47.5	269.2	316.7	32.7	349.4	8.3	325.0	390.7	7.0	397.7	61.0	458.7	10.3	408.0	867.1	48.6	915.7	7.3	874.4
1981	46.6	226.3	272.9	34.8	307.7	10.7	283.6	396.9	4.0	400.9	59.8	460.7	16.8	417.7	963.8	35.2	999.0	18.2	982.0
1982	30.1	169.0	199.1	29.8	228.9	7.0	206.1	293.7	1.0	294.7	66.5	361.2	13.4	308.1	861.5	42.9	904.4	14.1	875.6
1983	25.3	197.6	222.9	28.2	251.1	8.7	231.6	333.5	1.4	334.9	43.9	378.8	13.6	348.5	1146.1	37.4	1183.5	20.0	1166.1
1984	30.1	180.1	210.2	18.2	228.4	10.0	220.2	331.9	0.4	332.3	66.5	398.8	17.0	349.3	1250.7	58.0	1308.7	23.1	1273.8

NONCELLULOSIC

	YARN+MONOFILAMENTS									STAPLE+TOW+FIBERFILL									
	PRODUCERS' SHIPMENTS									PRODUCERS' SHIPMENTS									
	TO DOMESTIC CONSUMERS									TO DOMESTIC CONSUMERS									
YEAR	NYLON[c]	OLEFIN[d]	ESTER[e]	OTH[f]	TOTAL	EX-PORTS	TOTAL	IM-PORTS	DO-MESTIC CONS	NYLON[c]	ACRYL[g]	ESTER[e]	OTH[h]	TOTAL	EX-PORTS	TOTAL	IM-PORTS	DO-MESTIC CONS
1961	419.0	17.5	36.1		472.6	25.2	497.8	4.7	477.3	36.0	123.8	70.9	3.0	233.7	22.3	256.0	3.2	236.9
1962	503.1	22.5	38.1		563.7	41.1	604.8	7.0	570.7	47.5	147.1	115.3	3.6	313.5	20.3	333.8	13.9	327.4
1963	570.9	29.1	48.9		648.9	43.2	692.1	6.3	655.2	54.3	201.5	150.7	5.0	411.5	18.3	429.8	8.8	420.3
1964	685.9	44.2	63.6		793.7	62.8	856.5	3.7	797.4	68.3	263.2	177.5	8.6	517.6	34.1	551.7	19.2	536.8
1965	781.9	60.1	77.2		919.2	46.1	965.3	8.5	927.7	85.1	324.5	290.4	13.5	713.5	32.3	745.8	52.1	765.6
1966	880.0	94.6	81.4	13.4	1069.4	54.4	1123.8	12.5	1081.9	108.8	328.0	372.1	33.1	842.0	39.7	881.7	61.0	903.0
1967	907.4	116.1	133.0	11.8	1168.3	58.6	1226.9	16.4	1184.7	120.6	371.2	537.2	40.5	1069.5	60.3	1129.8	63.2	1132.7
1968	1085.8	199.0	226.7	10.5	1522.0	84.5	1606.5	33.7	1555.7	157.2	467.1	756.1	52.4	1432.8	72.2	1505.0	89.8	1522.6
1969	1063.4	188.6	353.6	10.9	1616.5	84.9	1701.4	32.5	1649.0	202.7	473.4	883.3	61.7	1621.1	100.3	1721.4	67.5	1688.6
1970	1052.6	187.0	433.0	10.0	1682.6	82.3	1764.9	120.8	1803.4	201.2	430.7	992.9	57.3	1682.1	108.6	1790.7	57.7	1739.8
1971	1206.7	246.5	636.8	10.1	2100.1	78.5	2178.6	234.4	2334.5	330.1	463.7	1111.4	58.9	1964.1	130.5	2094.6	93.3	2057.4
1972	1430.6	312.4	935.4	11.4	2689.8	87.4	2777.2	224.5	2914.3	476.6	536.0	1286.9	63.6	2363.1	174.1	2537.2	103.7	2466.8
1973	1544.7	395.4	1320.5	13.1	3273.7	127.4	3401.1	140.1	3413.8	586.8	662.0	1530.3	69.3	2848.4	233.0	3081.4	112.8	2961.2
1974	1408.8	426.3	1295.2	12.0	3142.3	140.6	3282.9	92.1	3234.4	487.8	514.9	1388.1	59.7	2450.5	195.3	2645.8	73.2	2523.7
1975	1289.7	436.1	1477.0	12.0	3214.8	104.5	3319.3	53.8	3268.6	557.9	467.3	1473.6	54.7	2553.5	209.9	2763.4	55.2	2608.7
1976	1279.3	482.0	1373.9	12.0	3147.2	138.5	3285.7	64.0	3211.2	665.4	517.3	1777.2	58.6	3018.5	247.4	3265.9	67.3	3085.8
1977	1396.2	539.6	1510.6	15.0	3461.4	159.0	3620.4	92.5	3553.9	791.7	619.8	1880.3	81.3	3373.1	270.0	3643.1	52.9	3426.0
1978	1539.1	579.7	1507.6	15.5	3641.9	197.5	3839.4	52.2	3694.1	876.4	571.6	1967.5	90.0	3505.5	411.4	3916.9	60.5	3566.0
1979	1631.3	624.2	1525.1	17.0	3797.6	319.3	4116.9	20.0	3817.6	913.2	546.6	2134.4	119.3	3713.5	593.2	4306.7	39.3	3752.8
1980	1538.9	611.7	1363.4	18.0	3532.0	301.8	3833.8	19.6	3551.6	711.2	585.3	2071.0	115.0	3482.5	689.8	4172.3	35.6	3518.1
1981	1404.3	628.3	1430.0	20.5	3483.1	282.5	3765.6	18.9	3502.0	696.4	494.1	2005.4	132.0	3327.9	820.4	4148.3	60.5	3388.4
1982	1165.6	577.0	1134.8	16.5	2893.9	220.2	3114.1	23.8	2917.7	673.3	457.9	1767.5	138.9	3037.6	369.9	3407.5	51.2	3088.8
1983	1392.4	698.6	1294.4	NA	3385.4	187.3	3572.7	48.3	3433.7	897.1	492.2	2099.2	183.4	3671.9	281.5	3953.4	101.4	3773.3
1984	1438.1	725.6	1144.9	NA	3308.6	189.0	3497.6	90.0	3398.6	814.4	446.7	1992.2	240.9	3494.2	442.4	3936.6	131.1	3625.3

Domestic consumption (CONS) means the sum of producers' domestic shipments and imports for consumption.

Imports for consumption (IMPORTS): yarn+monofil includes yarn singles, monofilaments & strips; staple+tow includes grouped filaments. Not included here are plied, spun & handwork yarns; sewing thread; sliver, tops & roving and waste.

a-i. See these lettered footnotes on the opposite page.

Noncellulosic data from 1940 are on page 5 of the January-February 1971 issue. Rayon+acetate data from 1911 are on page 9 of the January 1962 ORGANON Base Book.

TABLE 7: U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF FIBER & PRODUCTS

MILLION POUNDS & *Percent*

	MAN-MADE FIBER MILL CONSUMPTION = PRODUCERS' SHIPMENTS (DOM) PLUS IMPORTS FOR CONSUMPTION (IMP)																						GLASS FIBER TEXTILE END USES[b]	TOTAL GLASS FIBER (Non-Add)
	CELLULOSIC FIBER											NONCELLULOSIC FIBER												
	YARN+MONOFIL			STAPLE+TOW			WASTE					YARN+MONOFIL			STAPLE+TOW			WASTE						
YEAR	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	
1970	695.9	3.7	699.6	634.2	80.6	714.8	34.5	0.1	22.9	11.7	1426.1	1682.6	120.8	1803.4	1682.1	57.7	1739.8	136.3	21.7	31.3	126.7	3669.9	144.6	404.9
1971	729.3	5.2	734.5	669.8	81.3	751.1	36.3	--	15.9	20.4	1506.0	2100.1	234.4	2334.5	1964.1	93.3	2057.4	157.8	36.2	29.4	164.6	4556.5	141.8	466.7
1972	632.8	10.8	643.6	718.4	51.3	769.7	38.5	--	23.6	14.9	1428.2	2689.8	224.5	2914.3	2363.1	103.7	2466.8	202.7	48.0	63.5	187.2	5568.3	158.8	569.2
1973	589.9	18.1	608.0	734.5	47.4	781.9	36.8	--	37.5	-0.7	1389.2	3273.7	140.1	3413.8	2848.4	112.8	2961.2	274.8	47.8	98.6	224.0	6599.0	157.3	676.0
1974	473.4	9.2	482.6	589.2	38.7	627.9	29.9	0.2	33.0	-2.9	1107.6	3142.3	92.1	3234.4	2450.5	73.2	2523.7	246.4	46.3	91.2	201.5	5959.6	154.6	630.8
1975	368.6	9.2	377.8	385.4	37.9	423.3	13.2	0.1	12.4	0.9	802.0	3214.8	53.8	3268.6	2553.5	55.2	2608.7	228.7	25.0	50.0	203.7	6081.0	120.2	533.5
1976	314.5	25.1	339.6	472.0	43.2	515.2	14.7	0.4	14.6	0.5	855.3	3147.2	64.0	3211.2	3018.5	67.3	3085.8	262.3	30.5	70.2	222.6	6519.6	137.0	677.6
1977	327.5	23.5	351.0	452.9	57.8	510.7	18.5	0.6	12.6	6.5	868.2	3461.4	92.5	3553.9	3373.1	52.9	3426.0	291.0	23.2	66.1	248.1	7228.0	141.0	791.3
1978	337.6	25.7	363.3	466.2	41.1	507.3	15.7	0.4	7.0	9.1	879.7	3641.9	52.2	3694.1	3505.5	60.5	3566.0	263.9	26.0	88.7	201.2	7461.3	153.7	886.7
1979	343.4	13.3	356.7	449.4	16.5	465.9	17.2	0.8	9.6	8.4	831.0	3797.6	20.0	3817.6	3713.5	39.3	3752.8	238.6	21.1	137.7	122.0	7692.4	173.5	922.6
1980	316.7	8.3	325.0	397.7	10.3	408.0	13.5	0.3	6.1	7.7	740.7	3532.0	19.6	3551.6	3482.5	35.6	3518.1	170.2	21.5	116.4	75.3	7145.0	177.8	874.4
1981	272.9	10.7	283.6	400.9	16.8	417.7	15.3	0.5	2.8	13.0	714.3	3483.1	18.9	3502.0	3327.9	60.5	3388.4	174.2	49.9	107.3	116.8	7007.2	140.5	982.0
1982	199.1	7.0	206.1	294.7	13.4	308.1	10.7	0.4	3.2	7.9	522.1	2893.9	23.8	2917.7	3037.6	51.1	3088.7	173.2	37.8	86.1	124.9	6131.3	121.7	875.6
1983	222.9	8.7	231.6	334.9	13.6	348.5	9.4	0.3	1.4	8.3	588.4	3385.4	48.3	3433.7	3671.9	101.4	3773.3	214.1	46.1	71.3	188.9	7395.9	169.6	1166.1
1984	210.2	10.0	220.2	332.3	17.0	349.3	11.4	0.5	1.6	10.3	579.8	3308.6	90.0	3398.6	3494.2	131.2	3625.4	216.9	50.5	89.7	177.7	7201.7	156.6	1273.8

	MILL CONSUMPTION OF 4 FIBERS										DOMESTIC CONSUMPTION OF 3 FIBERS (CONS) = MILL CONSUMPTION+IMPORTS (IMP) LESS EXPORTS (EXP) OF SEMIMANUFACTURED & MANUFACTURED PRODUCTS											
	MAN-MADE FIBER[a]		COTTON		WOOL		SILK		TOTAL		MAN-MADE FIBER			COTTON			WOOL			TOTAL		
YEAR	LB	%	LB	%	LB	%	LB	%	LB	%	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS
	(24)		(25)		(26)		(27		(28)		(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1970	5240.6	*56.5*	3773.6	*40.6*	273.3	*2.9*	1.8	--	9289.3	*100*	329.3	147.1	5422.8	463.1	199.2	4037.5	85.9	4.9	354.3	878.3	351.2	9814.6
1971	6204.3	*59.7*	3965.1	*38.2*	219.3	*2.1*	1.7	--	10390.4	*100*	451.1	146.7	6508.7	492.6	226.4	4231.3	66.2	9.4	276.1	1009.9	382.5	11016.1
1972	7155.3	*63.6*	3849.8	*34.2*	246.9	*2.2*	2.1	--	11254.1	*100*	480.5	177.6	7458.2	610.7	290.4	4170.1	63.0	30.6	279.3	1154.2	498.6	11907.6
1973	8145.5	*68.0*	3643.3	*30.4*	182.1	*1.6*	3.3	--	11974.2	*100*	465.3	288.2	8322.6	583.5	325.2	3881.6	61.3	30.8	212.6	1090.1	644.2	12416.8
1974	7221.8	*67.8*	3306.1	*31.1*	116.5	*1.1*	2.6	--	10647.0	*100*	371.3	390.7	7202.4	502.7	392.5	3416.3	53.3	23.0	146.8	927.3	806.2	10765.5
1975	7003.2	*68.6*	3068.7	*30.1*	132.0	*1.3*	1.0	--	10204.9	*100*	400.4	322.4	7081.2	501.3	353.7	3216.3	48.6	19.2	161.4	950.3	695.3	10458.9
1976	7511.9	*68.0*	3389.0	*30.7*	145.9	*1.3*	2.8	--	11049.6	*100*	479.5	352.2	7639.2	708.6	413.2	3684.4	66.7	13.9	198.7	1254.8	779.3	11522.3
1977	8237.2	*71.4*	3169.8	*27.5*	133.9	*1.1*	1.6	--	11542.5	*100*	530.7	367.6	8400.3	669.4	369.5	3469.7	85.9	11.5	208.3	1286.0	748.6	12078.3
1978	8494.7	*72.8*	3040.4	*26.0*	141.6	*1.2*	2.0	--	11678.7	*100*	642.6	441.7	8695.6	845.4	355.7	3530.1	92.2	11.6	222.2	1580.2	809.0	12447.9
1979	8696.9	*73.1*	3066.4	*25.8*	134.4	*1.1*	1.5	--	11899.2	*100*	525.0	596.6	8625.3	746.1	478.0	3334.5	80.6	14.0	201.0	1351.7	1088.6	12160.8
1980	8063.5	*71.6*	3064.4	*27.2*	137.8	*1.2*	+	--	11265.7	*100*	540.6	771.5	7832.6	810.9	523.1	3352.2	85.1	23.8	199.1	1436.6	1318.4	11383.9
1981	7862.0	*73.2*	2730.8	*25.4*	152.7	*1.4*	2.0	--	10747.5	*100*	639.1	637.7	7863.4	961.9	367.3	3325.4	93.1	11.8	234.0	1694.1	1016.8	11422.8
1982	6775.1	*72.2*	2478.9	*26.4*	129.5	*1.4*	2.0	--	9385.5	*100*	697.9	438.5	7034.5	897.2	253.4	3122.7	100.1	10.8	218.8	1695.2	702.7	10376.0
1983	8153.9	*73.4*	2795.7	*25.1*	162.5	*1.5*	2.0	--	11114.1	*100*	1069.4	460.7	8762.6	1135.4	219.6	3711.5	131.1	18.9	274.7	2335.9	699.2	12748.8
1984	7938.1	*73.7*	2669.3	*24.8*	163.2	*1.5*	3.0	--	10773.6	*100*	1342.0	488.0	8792.1	1464.8	204.6	3929.5	189.4	15.1	337.5	2996.2	707.7	13059.1

[a] Data include textile glass fiber as shown in Column 23 in the upper section. For detail on producers' shipments and imports of glass fiber, see page 43 of this issue.

[b] Poundages include textile applications only for glass fiber used as yarn for weaving, tire cord and selected reinforced plastics. Other types of glass fiber (such as roving and mat applications) are included with the textile applications in the "non-add" column to the right.

SOURCES OF DATA, ARRANGED BY COLUMN NUMBER ( )

All Census import and export commodity numbers are as of January 1978.

1, 4, 7, 12, 15, 18 & 23 - This issue, page 43.
2 Import Classes 309.0310, .0610, .2000, 310.0106, .0130, .0206, .0230, .0510 & .0610.
5 - Import Classes 309.3010, .3110, .4320 & .4325.
8 - Import Classes 309.6615 & .7510.
9 - Export Class 309.7400.
13 - Import Classes 309.0200, .0330-.0365, .0500, .0630-.0665, .2100, .2500, 310.0109-.0114, .0149-.0170, .0209-.0214, .0249-.0270, .0530, .0550, .0630 & .0650.
16 - Import Classes 309.3030-.3065, .3130-.3165 & .4338-.4355.
19 - Import Classes 309.6000, .6625-.7000 & .7525-.7555.
20 - Export Classes 309.7620, .7630, .7640 & .7660.
25 - *U.S. Census Bureau Report M22P.*
26 - *U.S. Census Bureau Report M22D.*
27 - Import Classes 308.0200-.2000.
29, 30, 32, 33, 35 & 36 - *Cotton and Wool Outlook & Situation* (U.S. Department of Agriculture).

CERTAIN TOTALS IN THE TABLES

(Obvious totals such as Columns 1+2=3, 4+5=6, etc., are not described here.)

10 - Columns 7+8-9
21 - Columns 18+19-20
24 - Columns 11+22+23
31 - Columns 24+29-30
34 - Columns 25+32-33
37 - Columns 26+35-36

TABLE 8: RAW FIBER EQUIVALENT OF IMPORTS & EXPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

COMMODITY	MAN-MADE FIBER							COTTON							WOOL						
	ANNUAL AVERAGE							ANNUAL AVERAGE							ANNUAL AVERAGE						
	1970-1974	1975-1979	1980	1981	1982	1983	1984	1970-1974	1975-1979	1980	1981	1982	1983	1984	1970-1974	1975-1979	1980	1981	1982	1983	1984
IMPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC.[a]	25.4	34.1	30.2	34.9	38.2	58.0	71.0	27.1	18.9	19.4	24.1	28.5	42.1	54.6	8.2	5.4	4.2	5.0	7.7	7.6	16.3
CLOTH[b]	102.5	87.7	81.4	106.2	105.7	138.0	170.4	281.1	266.6	258.4	350.3	266.5	346.3	450.8	13.2	17.4	21.1	27.8	25.6	28.1	39.0
SUBTOTAL	**127.9**	**121.8**	**111.6**	**141.1**	**143.9**	**196.0**	**241.4**	**308.2**	**285.5**	**277.8**	**374.4**	**295.0**	**388.4**	**505.4**	**21.4**	**22.8**	**25.3**	**32.8**	**33.3**	**35.7**	**55.3**
MANUFACTURED PRODUCTS																					
WEARING APPAREL[c]	253.4	357.1	378.6	437.1	486.5	576.0	688.9	158.7	344.2	463.8	504.0	510.5	622.8	759.5	30.4	36.8	41.7	40.9	46.4	58.8	80.8
INDUSTRIAL[d]	7.6	0.7	0.1	0.3	1.1	1.3	0.4	8.3	5.7	10.1	8.8	10.0	14.3	37.6	*NOMINAL POUNDAGES INCLUDED IN OTHER*						
HOME FURNISHINGS[e] } ALL OTHER[f]	30.6	36.0	50.3	60.6	66.5	296.1	411.3	36.9	40.7	45.4	59.5	67.0	78.0	138.9	11.7	14.1	17.3	18.5	19.6	34.8	52.1
								14.4	18.0	13.8	15.2	14.7	31.9	23.4	2.4	1.1	0.8	0.9	0.8	2.6	1.2
SUBTOTAL	**291.6**	**393.8**	**429.0**	**498.0**	**554.1**	**873.4**	**1100.6**	**218.3**	**408.6**	**533.1**	**587.5**	**602.2**	**747.0**	**959.4**	**44.5**	**52.0**	**59.8**	**60.3**	**66.8**	**96.2**	**134.1**
TOTAL IMPORTS	**419.5**	**515.6**	**540.6**	**639.1**	**698.0**	**1069.4**	**1342.0**	**526.5**	**694.1**	**810.9**	**961.9**	**897.2**	**1135.4**	**1464.8**	**65.9**	**74.8**	**85.1**	**93.1**	**100.1**	**131.9**	**189.4**
EXPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC.[a]	23.3	39.5	53.3	62.2	40.2	35.3	38.5	20.7	23.7	47.0	38.1	30.1	31.2	20.0	14.0	5.5	4.8	3.6	4.9	4.0	2.7
CLOTH[g]	113.0	186.0	298.5	256.4	174.8	148.6	152.6	170.0	224.9	212.3	127.7	84.8	59.4	64.5	0.7	1.2	1.6	1.9	1.4	1.1	1.4
SUBTOTAL	**136.3**	**225.5**	**351.8**	**318.6**	**215.0**	**183.9**	**191.1**	**190.7**	**248.6**	**259.3**	**165.8**	**114.9**	**90.6**	**84.5**	**14.7**	**6.7**	**6.4**	**5.5**	**6.3**	**5.1**	**4.1**
MANUFACTURED PRODUCTS																					
WEARING APPAREL	21.5	43.1	127.1	120.7	75.2	70.8	79.4	32.9	63.0	180.8	123.0	80.0	72.1	68.2	1.8	3.6	14.9	4.0	2.9	3.0	2.7
INDUSTRIAL[d]	11.2	46.0	115.5	48.1	27.8	23.2	31.3	17.8	23.4	19.6	17.5	14.3	11.6	14.4	*NOMINAL POUNDAGES INCLUDED IN OTHER*						
HOME FURNISHINGS[h]	24.3	52.5	111.4	84.2	65.9	10.7	102.9	23.5	36.9	43.0	38.7	28.3	31.6	36.9	1.7	1.9	0.4	0.3	0.2	9.3	6.5
ALL OTHER[i]	36.8	49.0	65.7	66.1	54.6	172.1	83.3	21.8	22.1	20.4	22.3	15.9	13.7	0.6	1.5	1.9	2.1	2.0	1.4	1.5	1.8
SUBTOTAL	**93.8**	**190.6**	**419.7**	**319.1**	**223.5**	**276.8**	**296.9**	**96.0**	**145.4**	**263.8**	**201.5**	**138.5**	**129.0**	**120.1**	**5.0**	**7.4**	**17.4**	**6.3**	**4.5**	**13.8**	**11.0**
TOTAL EXPORTS	**230.1**	**416.1**	**771.5**	**637.7**	**438.5**	**460.7**	**488.0**	**286.7**	**394.0**	**523.1**	**367.3**	**253.4**	**219.6**	**204.6**	**19.7**	**14.1**	**23.8**	**11.8**	**10.8**	**18.9**	**15.1**
NET EXPORTS (+) OR NET IMPORTS (-)	**-189.4**	**-99.5**	**+230.9**	**-1.4**	**-259.5**	**-608.7**	**-854.0**	**-239.8**	**-300.1**	**-287.8**	**-594.6**	**-643.8**	**-915.8**	**-1260.2**	**-46.2**	**-60.7**	**-61.3**	**-81.3**	**-89.3**	**-113.0**	**-174.3**

SOURCE: U.S. Department of Agriculture, *Cotton and Wool Outlook & Situation.*

a. Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer. Indirect export data are available for the years 1980-1984 only; the corresponding poundages for each year are, respectively (in millions of pounds): 142.4, 254.0, 166.2, 87.0 & 108.8.

Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included here; rather they are included in Column 13 on page 44 of this issue.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Wool includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel. For 1983 & 1984 only, cotton and man-made fiber include imports of soft-sided luggage. For those years the poundages were, respectively, 180.5 & 228.0 for man-made fiber, and 14.1 & 18.7 for cotton.

g. Includes broad & narrow woven fabrics and knit cloth. Cotton also includes table damask, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h. Includes carpets & rugs.

i. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric.

Note: In the case of blended or mixed fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

TABLE 9: FILAMENT YARN DOMESTIC SHIPMENTS BY DENIER

MILLION POUNDS

ACETATE

DENIER	1978	1979	1980	1981	1982	1983	1984
55 (62 & FINER)	67.1	68.0	66.1	45.3	37.3	36.2	28.5
75 (63-87)	72.3	63.8	67.5	62.3	39.1	45.6	41.0
100 (88-112)	20.2	26.5	31.4	26.6	19.3	19.9	14.6
150 (113-162)	91.3	108.9	87.6	77.5	62.5	83.9	84.5
200 (163-237)	2.4	3.4	2.6	1.5	0.7	0.7	0.6
300 (238-374)	9.6	9.7	7.3	7.3	6.4	8.0	7.9
450 (375 & COARSER)	11.7	8.1	6.7	5.8	3.7	3.3	3.0
TOTAL DOMESTIC SHIPMENTS	**274.6**	**288.4**	**269.2**	**226.3**	**169.0**	**197.6**	**180.1**
Average Denier[a]	*90*	*92*	*88*	*91*	*92*	*96*	*99*

POLYESTER TEXTILE

DENIER	1978	1979	1980	1981	1982	1983	1984
55 & FINER	25.9	30.1	37.3	48.6	28.6	36.6	31.9
70 (56-89)	212.5	215.0	191.3	147.9	141.0	162.1	130.5
100 (90-109)	58.1	63.4	32.6	41.4	56.4	51.2	77.5
120 (110-129)	18.6	4.8	2.8	68.9	41.7	21.1	11.6
135 (130-144)	15.3	18.6	10.1				
150 (145-179)	783.7	765.2	738.6	745.1	519.3	641.1	524.3
180 & COARSER[c]	49.8	66.8	65.3	68.9	61.0	70.9	46.9
TOTAL DOMESTIC SHIPMENTS	**1163.9**	**1163.9**	**1078.0**	**1120.8**	**848.0**	**983.0**	**822.7**
Average Denier[a]	*116*	*116*	*118*	*121*	*115*	*115*	*116*

NYLON TEXTILE

DENIER	1978	1979	1980	1981	1982	1983	1984
MONOFILS & FEWOFILS[b]	27.9	31.7	29.1	23.5	25.4	27.5	21.0
FILAMENT YARN							
34 & FINER	41.0	38.0	35.9	39.8	30.3	36.8	38.5
40 (35-59)	164.1	177.5	155.4	142.8	117.8	152.7	135.3
70 (60-89)	122.0	112.4	109.0	85.7	63.9	75.5	73.7
100 (90-109)	43.6	43.7	42.7	43.4	37.4	29.4	29.1
140 (110-179)	20.2	21.2	21.1	26.2	18.5	16.1	11.4
200 (180-204)	19.7	18.6	18.2	19.7	16.1	18.0	21.3
205 & COARSER[c]	44.3	18.1	15.2	17.5	12.2	13.8	13.0
TOTAL DOMESTIC SHIPMENTS	**482.8**	**461.2**	**426.6**	**398.6**	**321.6**	**369.8**	**343.3**
Average Denier[a]	*48*	*45*	*46*	*47*	*38*	*43*	*54*

NYLON CARPET

DENIER	1978	1979	1980	1981	1982	1983	1984
1199 & FINER	443.8	479.2	460.6	138.4	138.0	212.1	275.3
1200-1499				331.7	300.9	385.4	354.5
1800 (1500-1900)	126.6	131.2	149.4	88.9	65.3	83.9	85.5
2600 (1901-2700)	89.4	100.7	84.8	55.5	40.0	44.4	43.2
2701 & COARSER	18.0	21.4	19.7	19.1	15.3	8.8	11.7
TOTAL DOMESTIC SHIPMENTS	**677.8**	**732.5**	**714.5**	**633.6**	**559.5**	**734.6**	**770.2**
Average Denier[a]	*1503*	*1506*	*1503*	*1448*	*1423*	*1398*	*1396*

a. Average Denier calculated by harmonic mean method.

b. Monofilaments up to 40 denier. Fewofils are multifilament yarns with 4 or fewer filaments in the bundle.

c. Includes low denier industrial yarn in 1978.

TABLE 10: PRODUCERS' WASTE SHIPMENTS

MILLION POUNDS

YEAR	RAYON	NONCELLULOSIC
1961	32.8	32.3
1962	34.5	37.7
1963	40.2	42.0
1964	49.0	45.9
1965	51.5	55.2
1966	44.6	66.5
1967	36.1	92.8
1968	44.3	122.3
1969	39.4	140.3
1970	34.5	136.3
1971	36.3	157.8
1972	38.5	202.7
1973	36.8	274.8
1974	29.9	246.4
1975	13.2	228.7
1976	14.7	262.3
1977	18.5	291.0
1978	15.7	263.9
1979	17.2	238.6
1980	13.5	170.2
1981	15.3	174.2
1982	10.7	173.2
1983	9.4	214.1
1984	11.4	216.9

TABLE 11: RAW COTTON CONSUMPTION

BALES

MONTH	1976	1977	1978	1979	1980	1981	1982	1983	1984
JANUARY	627	509	493	603	604	435	378	404	469
FEBRUARY	559	528	501	472	506	446	396	430	447
MARCH	655	654	620	506	513	539	492	549	547
APRIL	596	507	484	584	622	433	409	431	430
MAY	579	507	484	484	496	441	392	441	442
JUNE	610	616	575	489	478	531	460	543	501
JULY	489	395	383	503	487	385	317	369	354
AUGUST	550	494	459	472	442	429	386	453	415
SEPTEMBER	556	606	569	482	456	517	474	560	494
OCTOBER	554	835	482	630	597	448	416	459	415
NOVEMBER	527	504	595	482	458	403	390	446	382
DECEMBER	531	562	435	436	475	400	425	468	408
TOTAL	**6833**	**6717**	**6080**	**6143**	**6134**	**5407**	**4937**	**5553**	**5304**

TABLE 12: RAW SILK DELIVERIES

BALES

MONTH	1976	1977	1978	1979	1980	1981	1982	1983	1984
JANUARY	925	352	321	501	312	471	450	280	715
FEBRUARY	469	239	394	302	644	380	489	506	537
MARCH	689	242	424	687	422	471	662	390	455
APRIL	362	212	382	353	507	446	398	462	315
MAY	251	254	397	471	366	322	234	717	636
JUNE	579	259	299	418	285	529	369	377	655
JULY	337	322	316	407	257	300	495	264	229
AUGUST	358	311	341	756	332	259	403	474	672
SEPTEMBER	422	370	401	492	342	348	364	534	532
OCTOBER	268	424	280	490	365	414	226	529	562
NOVEMBER	222	322	468	368	265	487	514	587	391
DECEMBER	159	433	214	518	323	611	317	324	538
TOTAL	**5041**	**3740**	**4237**	**5763**	**4420**	**5038**	**4921**	**5444**	**6237**

INTERNATIONAL TRADE SUPPLEMENT

NET-AVAILABLE SUPPLY

The 1983 by-country production, import, export and net-available or retained supply of four categories of man-made fiber are tabulated on page 48.

"Net-available supply" is defined as production plus imports less exports plus the balance of trade in spun yarn. Sometimes this is also called "apparent consumption".

Regarding the data in Table 13, acetate cigarette tow has been excluded, while imports and exports of tire cord and tire cord fabric have been included.

"Yarn" is defined to include tire cord and tire cord fabric, filament yarn and monofilaments.

"Staple" is defined to include tow, fiberfill, tops and advanced waste. Unprocessed waste is not included.

In a few cases where a country's import or export data could not be accurately separated as either cellulosic or noncellulosic fiber, a division was estimated. Also, when the known exports from the United States or other countries to a certain country were more than that country's reported imports, the larger figure was used.

Except for spun yarns, the imports and exports of manufactured and semimanufactured man-made fiber products (e.g., fabric, dresses, hosiery, etc.) are not included in the data.

The spun yarn data are shown under the "Total Man-Made Fiber" columns in Table 13; space does not permit the presentation of the import and export data separately. These data may include some poundages of blending fibers other than man-made fibers.

A net import poundage is shown in the "spun" column as (+), in other words, an addition to a country's net-available supply, while conversely a net export is (-). For example, the net 1983 cellulosic yarn figure for France is shown as -6.7, which consists of imports of 4.9 (+4.9) and exports of 11.6 (-11.6).

EDITOR'S NOTE ABOUT FIBER TRADE DETAIL

For many countries, the generic import and export data supplied in Table 13 have been listed in the tables on pages 49-51 in detail by specific fiber. These data have been reported to the Textile Economics Bureau (T.E.B.) over the past year and a half. T.E.B. regrets that these results have not been published in the ORGANON sooner, but the complexity of the data and considerable cross-checking of sources prohibited us from releasing the information any sooner.

For several countries, the data listed on pages 49-51 are incomplete and have required some editing. Nonetheless, it is the intention of T.E.B. to not only publish these data every year, but to expand the survey when possible to encompass more countries and greater detail. In the future, it is our hope to cover all the major producing countries in the world.

The Textile Economics Bureau would like to express its appreciation for the help and cooperation extended by numerous man-made fiber associations, producing companies and individuals, as well as the U.S. Foreign Service posts reporting through the Office of Textiles and Apparel, U.S. Department of Commerce. Without their support this survey would not have been possible.

TABLE 13: 1984 MAN-MADE FIBER PRODUCTION, IMPORT, EXPORT & NET AVAILABLE SUPPLY BY COUNTRY (EXCEPT OLEFIN & TEXTILE GLASS)

MILLION POUNDS

COUNTRY & AREA	CELLULOSIC								NONCELLULOSIC								TOTAL MAN-MADE FIBERS					
	YARN				STAPLE+TOW				YARN				STAPLE+TOW									
	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMPORT	EXPORT	CELL SPUN	NC SPUN	NET AVAIL
WEST EUROPE																						
AUSTRIA	25.4	8.9	23.8	10.5	241.8	7.4	18.6	230.6	0	45.1	6.6	38.5	39.7	49.8	40.1	49.4	306.9	111.2	89.1	+23.1	+5.7	357.8
BENELUX	90.6	33.1	98.8	24.9	13.4	89.9	7.4	95.9	136.7	307.0	212.8	230.9	46.9	268.4	94.7	220.6	287.6	698.4	413.7	-17.3	-38.1	516.9
IRELAND (EIRE)	0	2.7	0.1	2.6	0	3.9	1.6	2.3	24.2	30.2	29.0	25.4	70.5	4.1	96.7	-22.1	94.7	40.9	127.4	-1.4	-0.2	6.6
FINLAND	0	3.1	+	3.1	127.0	7.7	131.9	2.8	1.1	23.0	2.3	21.8	0	29.2	0.7	28.5	128.1	63.0	134.9	+1.2	+7.5	64.9
FRANCE	18.5	52.4	26.5	44.4	65.0	35.0	46.5	53.5	139.5	164.7	120.7	183.5	297.8	213.7	187.9	323.6	520.8	465.8	381.6	-6.7	-10.9	587.4
GERM., FED. REP.[a]	130.1	53.6	94.1	89.6	121.3	72.6	97.3	96.6	732.3	163.0	574.6	320.7	938.0	222.9	655.0	505.9	1921.7	512.1	1421.0	-1.2	+13.4	1025.0
GREECE	13.9	0.2	11.2	2.9	0	8.4	+	8.4	19.8	10.9	12.0	18.7	22.0	47.8	11.8	58.0	55.7	67.3	35.0	-0.4	+0.6	88.2
ITALY/MALTA	64.6	38.0	41.7	60.9	0	91.3	3.3	88.0	314.1	120.5	280.4	154.2	688.7	264.5	508.7	444.5	1067.4	514.3	834.1	-13.0	-136.3	598.3
NORWAY	0	1.3	0	1.3	0	7.2	6.7	0.5	0	7.7	1.9	5.8	0	8.6	0.1	8.5	0	24.8	8.7	-0.3	-2.5	13.3
PORTUGAL	7.7	3.3	0.7	10.3	0	18.8	+	18.8	6.6	35.5	4.4	37.7	86.0	21.5	6.3	101.2	100.3	79.1	11.4	-5.2	-4.0	158.8
SPAIN	23.1	4.2	3.0	24.3	47.4	9.5	2.2	54.7	142.6	20.7	17.9	145.4	364.2	64.1	111.4	316.9	577.3	98.5	134.5	+1.7	+11.6	554.6
SWEDEN	0	3.7	2.0	1.7	86.6	9.1	78.5	17.2	0	29.9	0.9	29.0	0	19.7	0.2	19.5	86.6	62.4	81.6	-0.8	-5.2	61.4
SWITZERLAND	0	3.5	1.0	2.5	0	17.3	0.1	17.2	136.5	16.3	149.2	3.6	67.2	26.3	57.8	35.7	203.7	63.4	208.1	-0.4	-2.9	55.7
TURKEY	0.7	2.6	0	3.3	8.8	4.9	0	13.7	105.9	35.7	18.1	123.5	223.7	22.0	113.5	132.2	339.1	65.2	131.6	0	+2.5	275.2
UNITED KINGDOM	55.1	29.7	54.3	30.5	254.0	49.6	227.1	76.5	176.4	280.5	134.4	322.5	325.5	180.7	206.4	299.8	811.0	540.5	622.2	+0.7	+58.1	788.1
TOTAL WEST EUROPE	**429.7**	**240.3**	**357.2**	**312.8**	**965.3**	**432.6**	**621.2**	**776.7**	**1935.7**	**1290.7**	**1565.2**	**1661.2**	**3170.2**	**1443.3**	**2091.3**	**2522.2**	**6500.9**	**3406.9**	**4634.9**	**-20.0**	**-100.7**	**5152.2**
U.S.A.	**254.2**	**8.7**	**15.8**	**247.1**	**374.3**	**13.6**	**43.2**	**344.7**	**2852.7**	**48.4**	**226.7**	**2674.4**	**3780.9**	**101.5**	**311.8**	**3570.6**	**7262.1**	**172.2**	**597.5**	**+0.6**	**+6.4**	**6843.8**
OTHER AMERICAS																						
ARGENTINA	3.8	2.8	+	6.6	0	2.6	0	2.6	53.4	4.3	0.1	57.6	35.3	11.8	+	47.1	92.5	21.5	0.1	0	0	113.9
BRAZIL	40.6	0.3	10.0	30.9	48.5	1.5	15.2	34.8	233.0	1.9	15.1	219.8	175.7	1.7	21.1	156.3	497.8	5.4	61.4	0	+5.0	446.8
CANADA	22.0	24.3	9.3	37.0	66.1	4.1	46.2	24.0	130.6	99.0	36.0	193.6	116.9	86.3	19.9	183.3	335.6	213.7	111.4	-1.0	-12.6	424.3
CHILE	2.2	0.1	0	2.3	7.0	6.9	0	13.9	10.4	0.7	0	11.1	2.2	8.2	0	10.4	21.8	15.9	0	0	0	37.7
COLOMBIA	4.0	0.3	0	4.3	0	3.1	0	3.1	61.7	1.0	+	62.7	26.5	1.2	0	27.7	92.2	5.6	+	0	0	97.8
COSTA RICA	0	0.1	0	0.1	0	0.2	0	0.2	7.7	1.3	8.8	0.2	0	5.7	1.1	4.6	7.7	7.3	9.9	0	0	5.1
CUBA	4.4	0.1	+	4.5	7.7	0	+	7.7	0	1.0	0	1.0	0	0.1	0	0.1	12.1	1.2	+	0	0	13.3
ECUADOR	0	0.9	0	0.9	0	2.8	0	2.8	8.8	2.7	0	11.5	0	7.7	0	7.7	8.8	14.1	0	0	0	22.9
MEXICO	23.8	0.1	1.5	22.4	11.0	6.1	+	17.1	291.3	1.0	12.7	279.6	289.0	7.6	18.9	277.7	615.1	14.8	33.1	0	+4.4	601.2
PERU	2.2	+	0	2.2	0	1.6	0	1.6	25.4	0.7	0	26.1	64.9	1.7	0	66.6	92.5	4.0	0	0	+	96.5
URUGUAY	2.2	1.4	0.9	2.7	0	3.5	+	3.5	2.9	1.1	0.4	3.6	8.2	1.6	4.7	5.1	13.3	7.6	6.0	0	0	14.9
VENEZUELA	3.3	1.7	0	5.0	0	17.0	0	17.0	21.4	20.2	0	41.6	8.8	5.6	0	14.4	33.5	44.5	0	0	0	78.0
TOTAL O. AMERICAS	**108.5**	**32.1**	**21.7**	**118.9**	**140.3**	**49.4**	**61.4**	**128.3**	**846.6**	**134.9**	**73.1**	**908.4**	**727.5**	**139.2**	**65.7**	**801.0**	**1822.9**	**355.6**	**221.9**	**-1.0**	**-3.2**	**1952.4**
JAPAN	**257.5**	**3.7**	**2.0**	**259.2**	**590.6**	**0.7**	**4.4**	**586.9**	**1316.1**	**12.1**	**20.2**	**1308.0**	**1589.5**	**3.8**	**26.9**	**1566.4**	**3753.7**	**20.3**	**53.5**	**+0.6**	**+5.9**	**3727.0**
AFRICA, ASIA & OCEANIA																						
AUSTRALIA/N.Z.	0	4.9	0	4.9	0	7.9	0.4	7.5	32.0	26.8	0.2	58.6	2.2	24.7	0.5	26.4	34.2	64.3	1.1	-0.2	-14.8	82.4
BANGLADESH	5.5	0	0	5.5	2.2	4.9	0	7.1	0.4	0.6	0	1.0	11.0	1.1	0	12.1	19.1	6.6	0	0	0	25.7
EGYPT	15.4	1.2	0	16.6	10.1	11.8	0	21.9	7.7	14.6	0	22.3	27.8	14.9	1.6	41.1	61.0	42.5	1.6	-0.2	-4.1	97.6
INDIA	101.9	15.1	2.8	114.2	152.6	92.6	0	245.2	192.2	36.5	0.2	228.5	89.1	44.6	0	133.7	535.8	188.8	3.0	+0.1	0	721.7
INDONESIA	0	7.2	0	7.2	26.5	4.3	0	30.8	154.3	8.0	+	162.3	151.0	28.5	0	179.5	331.8	48.0	+	-0.5	+1.0	380.3
IRAN	0	16.9	0	16.9	0	196.2	0	196.2	39.8	53.9	0	93.7	48.5	100.2	0	148.7	88.3	367.2	0	-1.7	-51.4	402.4
IRAQ	6.6	0.6	0	7.2	12.1	2.7	0	14.8	0	8.0	0	8.0	0	1.0	0	1.0	18.7	12.3	0	-0.6	-3.4	27.0
ISRAEL	0	2.1	0	2.1	0	6.4	+	6.4	25.7	17.5	12.6	30.6	15.4	5.2	5.3	15.3	41.1	31.2	17.9	-1.2	-8.4	44.8
KENYA	0	0	0	0	0	5.7	0	5.7	6.8	0.8	0	7.6	0	5.1	0	5.1	6.8	11.6	0	0	0	18.4
KOREA, REP. OF	28.4	23.0	5.4	46.0	0	49.7	0	49.7	741.6	40.5	87.2	694.9	723.2	49.6	43.8	729.0	1493.2	162.8	136.4	-3.8	-145.0	1370.8
MALAYSIA	0	2.3	+	2.3	0	5.2	0	5.2	0	32.2	0.2	32.0	77.2	21.0	49.6	48.6	77.2	60.7	49.8	+0.1	-8.8	79.4
NIGERIA	0	0.8	0	0.8	0	4.9	0	4.9	5.5	10.8	0	16.3	5.5	1.9	0	7.4	11.0	18.4	0	0	+6.1	35.5
PAKISTAN	5.5	5.7	0	11.2	0	41.9	0	41.9	16.5	22.9	0	39.4	22.0	31.9	+	53.9	44.0	102.4	+	-0.5	-3.4	142.5
PHILIPPINES	0	0.4	0	0.4	0	9.2	+	9.2	81.6	5.5	0	87.1	35.3	23.9	0	59.2	116.9	39.0	+	0	0	155.9
SOUTH AFRICA	0	7.5	0	7.5	0	21.3	0	21.3	79.4	24.9	7.5	96.8	46.3	48.4	1.6	93.1	125.7	102.1	9.1	0	+2.3	221.0
SRI LANKA	0	0.1	0	0.1	0	2.3	0	2.3	2.2	0.4	8.8	-6.2	0	1.3	0	1.3	2.2	4.1	8.8	0	0	-2.5
TAIWAN	6.6	2.1	5.0	3.7	217.2	18.5	68.4	167.3	712.9	28.6	317.6	423.9	912.7	107.2	190.7	829.2	1849.4	156.4	581.7	-12.6	-140.9	1270.6
THAILAND	0	1.0	+	1.0	38.6	1.9	13.4	27.1	70.5	2.2	1.3	71.4	110.2	12.7	0	122.9	219.3	17.8	14.7	0	0	222.4
TOT. A, A & O ABOVE	**169.9**	**90.9**	**13.2**	**247.6**	**459.3**	**487.4**	**82.2**	**864.5**	**2169.1**	**334.7**	**435.6**	**2068.2**	**2277.4**	**523.2**	**293.1**	**2507.5**	**5075.7**	**1436.2**	**824.1**	**-21.1**	**-370.8**	**5295.9**
HUNGARY	0	33.3	0.4	32.9	14.1	34.7	17.2	31.6	16.7	20.8	3.4	34.1	29.1	26.7	7.6	48.2	59.9	115.5	28.6	-2.2	-4.5	140.1
POLAND	40.1	2.2	0	42.3	112.9	9.8	0.3	122.4	188.3	14.2	0.4	202.1	137.1	8.4	1.3	144.2	478.4	34.6	2.0	-1.1	-9.4	500.5

[a] German export data are partially estimated.

TABLE 14: CELLULOSIC FIBER TRADE DETAIL

1982-1983

COUNTRY	RAYON				ACETATE				OTHER				TOTAL YARN				TOTAL STAPLE[a]			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																				
CYPRUS													0.2	0.1	+	+	0	0	0	0
DENMARK													0.4	0.7	+	0.1	3.3	3.0	+	+
FINLAND													1.5	1.7	+	+	8.2	7.7	100.8	131.9
HUNGARY	29.8	29.5	0.4	0.4									29.8	29.5	0.4	0.4	34.8	34.7	8.2	17.2
IRELAND	0.4	1.5	0	+	0.5	0.7	+	0.1	0.4	0.5	0.1	+	1.3	2.7	0.1	0.1	4.8	3.9	2.0	1.6
ITALY/MALTA	29.4	26.6	5.6	6.9	7.0	8.1	21.4	19.5	1.6	1.7	6.5	11.0	38.0	36.4	33.5	37.4	69.8	91.3	9.4	3.3
PORTUGAL		2.5				0.7				0.1			1.6	3.3	0.4	0.7	22.7	18.8	0.1	+
SPAIN													3.2	4.2	3.3	3.0	19.9	9.5	2.2	2.2
TURKEY													2.4	2.6			2.9	4.9		
U. KINGDOM	25.1	22.3	4.6	1.9	6.6	6.0	45.5	50.3	1.3	1.3	1.9	1.1	33.0	29.6	52.0	53.3	56.1	49.6	153.8	227.1
OTHER AMERICAS																				
BOLIVIA													0.1	+			0.7	0.4		
BRAZIL			6.7	9.9	0.6	0.3		0.1					0.6	0.3	6.7	10.0	1.3	1.5	3.8	15.2
COLUMBIA																				
COSTA RICA																				
GUATEMALA	1.1	1.1	+	+					0.5	0.3	0.3	0.3	1.6	1.4	0.3	0.3				
MEXICO	+	0.1	2.1		0	0	0				4.8		+	0.1	6.9	1.5	2.7			
URUGUAY													0.1	1.3	1.1	0.9	1.3	3.5	0.1	+
VENEZUELA													0.3	0.7			19.2	17.0		
AFRICA, ASIA & OCEANIA																				
INDIA	7.3	15.1											7.3	15.1			86.6	92.6		
KOREA, REP. OF	0.6	0.6	7.0	5.1	19.9	21.0	0	+	1.5	1.4	0.1	0.2	21.7	23.0	7.1	5.3	24.0	49.7	2.7	0
MALAYSIA	0.3	0.5			+	+			0.1	0.1	+	+	0.4	0.6	+	+	4.6	5.2	+	0
NIGERIA													2.7		1.8		3.6			
S. AFRICA																				
SRI LANKA																				
TAIWAN													1.6	2.1	3.7	5.0	14.0	18.5	56.7	68.4
THAILAND													NA		NA	NA	9.3	1.9	14.3	13.4

a. Staple data are predominantly rayon, but may include some acetate staple.

TABLE 15: TIRE CORD AND SPUN YARN TRADE DETA!L

1982-1983

COUNTRY	TIRE CORD								SPUN YARN							
	RAYON				NONCELLULOSIC				CELLULOSIC				NONCELLULOSIC			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																
CYPRUS[a]	a	a	0	0	a	a	a	a	+	+	0.1	+	1.6	0.9	+	+
DENMARK	0	0	0	0	+	+	0	0	1.1	1.7	0.4	0.2	21.7	25.4	6.6	12.3
FINLAND	1.2	1.4	0	0	+	+	0	0	2.1	1.3	+	0.1	8.8	8.2	1.1	0.7
HUNGARY	2.3	3.8		0.5		0.1										
IRELAND	1.1		0		0.9		+		1.2		1.2		8.0		7.6	
ITALY/MALTA	1.4	1.6	3.1	4.3	1.2	1.5	0.1	+	6.0	5.9	16.4	18.8	11.2	12.2	132.7	148.4
PORTUGAL									0.3	0.1	4.1	5.3	4.7	3.6	7.5	7.6
SPAIN																
TURKEY					0.3	0.4										
U. KINGDOM	0.4	0.1	1.0	1.0	0.3	0.5	2.8	3.5	5.1	4.7	3.3	4.0	69.7	79.1	18.6	21.1
OTHER AMERICAS																
BOLIVIA		7.5							1.2							
BRAZIL					3.2	1.5	0.2	+								
COLUMBIA								+					0.4	0.1		
COSTA RICA																
GUATEMALA																
MEXICO	11.4	6.6	+		1.1		0.1		0.2		6.6		0.7	1.6	7.2	
URUGUAY	+	0.1			0.1	0.5					+	+	0.1	0.3	0.3	0.3
VENEZUELA	0.8	1.0			14.6	14.5			0.1	0.2			1.4	1.7		
AFRICA, ASIA & OCEANIA																
INDIA					8.7	10.7										
KOREA, REP.	0	0	+	0.1	1.4	0.5	22.5	27.8	0.2	0.5	3.4	4.3	7.0	14.4	133.3	159.4
MALAYSIA	2.0	1.7	2.4	+	24.3	22.0	11.4	0.1	0.2	0.1	+	+	4.8	4.7	10.5	13.5
NIGERIA																
S. AFRICA																
SRI LANKA																
TAIWAN					8.2	6.2	1.0	0.1	0.1	0.1	13.3	12.7	1.6	1.5	127.0	142.4
THAILAND									NA		NA	NA	NA		NA	NA

a. Cyprus reported tire cord data in square yards, instead of pounds.

RAYON: Imports 1982-3847 SQY; 1983-15671 SQY.

NONCELLULOSIC: Imports 1982-835464 SQY; 1983 948909 SQY; Exports 1982-124549 SQY: 1983-182563 SQY.

TABLE 16A: NONCELLULOSIC YARN TRADE DETAIL

1982-1983

COUNTRY	NYLON				POLYESTER				OTHER				TOTAL YARN			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																
CYPRUS													1.2	1.0	+	+
DENMARK													45.0	47.8	21.7	23.5
FINLAND													26.0	23.0	1.5	2.3
HUNGARY													24.2	20.7	3.5	3.4
IRELAND	5.4	2.5	11.9	1.3	23.2	24.5	18.2	26.4	2.8	3.2	1.8	1.3	31.4	30.2	31.9	29.0
ITALY/MALTA	58.5	60.7	147.8	163.4	50.6	47.3	55.2	55.0	9.1	11.0	63.4	62.0	118.2	119.0	266.4	280.4
PORTUGAL		20.1				11.0				4.4			37.5	35.5	2.6	4.4
SPAIN													22.6	20.7	13.5	17.9
TURKEY							15.4	18.1					26.5	35.3	15.4	18.1
U. KINGDOM	114.6	129.8	60.1	72.5	113.5	124.4	27.2	31.8	21.8	25.8	18.3	26.6	249.9	280.0	105.6	130.9
OTHER AMERICAS																
BOLIVIA																
BRAZIL	0.2	0.3	+	0.2	0.7	0.1	7.2	14.9					0.9	0.4	7.2	15.1
COLUMBIA	0.6	1.0											0.6	1.0		
COSTA RICA							7.4	8.8							7.4	8.8
GUATEMALA																
MEXICO	2.1	0.9	0.5		2.5	0.1	5.5						4.6	1.0	6.0	
URUGUAY													1.8	0.6	0.8	0.4
VENEZUELA													7.6	5.7		
AFRICA, ASIA & OCEANIA																
INDIA	1.1	2.3			18.6	17.9			4.5	5.6			24.2	25.8		
KOREA, REP. OF	14.2	9.3	2.0	10.7	41.1	25.7	12.6	45.8	7.5	5.0	1.4	2.9	62.8	40.0	16.0	59.4
MALAYSIA	4.0	3.0	+	+	6.3	6.2	+	+	0.5	1.0	+	0.1	10.8	10.2	+	0.1
NIGERIA													15.9			
S. AFRICA																
SRI LANKA													0	0.4	6.6	8.8
TAIWAN													13.3	22.4	259.4	317.5
THAILAND													NA		NA	NA

TABLE 16B: NONCELLULOSIC STAPLE TRADE DETAIL

1982-1983

COUNTRY	NYLON				POLYESTER				ACRYLIC				OTHER				TOTAL STAPLE			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																				
CYPRUS																	1.0	0.9	0	0
DENMARK																	14.6	17.6	12.0	17.4
FINLAND																	27.9	29.2	0.1	0.7
HUNGARY																	27.3	26.7	6.2	7.6
IRELAND	1.9	1.8	10.2	10.6	2.0	1.7	40.8	43.8	0.6	0.2	31.2	40.4	0.5	0.4	1.2	1.9	5.0	4.1	83.4	96.7
ITALY/MALTA	12.9	18.5	45.3	52.2	75.2	82.1	32.2	67.5	152.3	158.8	235.3	312.9	4.7	5.1	55.7	76.1	245.1	264.5	368.5	508.7
PORTUGAL		1.6				5.2				12.1				2.6			18.5	21.5	12.9	6.3
SPAIN																	91.9	64.1	89.9	111.4
TURKEY	20.7	22.0					16.5	22.0			77.2	91.5					20.7	22.0	93.7	113.5
U. KINGDOM	21.1	22.4	21.1	28.4	62.4	74.9	28.0	25.2	51.3	63.6	137.5	140.4	13.3	19.8	9.7	12.4	148.1	180.7	196.3	206.4
OTHER AMERICAS																				
BOLIVIA																				
BRAZIL	0.3	0.1	0.2	0.1	1.4	1.3	17.3	16.9	2.3	0.3	0.7	4.1					4.0	1.7	18.2	21.1
COLUMBIA	0.3	1.2															0.3	1.2		
COSTA RICA																				
GUATEMALA																				
MEXICO	3.9		0.4		3.5	6.0	10.6		0.6	1.6	7.2						8.0	7.6	18.2	
URUGUAY																	0.9	1.6	3.9	4.7
VENEZUELA																	4.4	5.6		
AFRICA, ASIA & OCEANIA																				
INDIA	0.2	0.3			10.1	23.2			1.1	5.0			20.3	16.1			31.7	44.6		
KOREA, REP. OF	0.7	1.3	2.0	2.4	8.6	23.8	41.7	36.6	11.1	17.6	0.9	4.3	8.9	6.9	2.1	0.5	29.3	49.6	46.7	43.8
MALAYSIA	0.1	+	+	0	5.7	14.1	22.5	49.5	4.9	6.3	0	0.1	0.4	0.6	0	+	11.1	21.0	22.5	49.6
NIGERIA																	2.0		4.4	
S. AFRICA					0.2	0.1	2.4	1.6									66.1	48.4	2.4	1.6
SRI LANKA																				
TAIWAN																	86.8	107.2	162.5	190.7
THAILAND																	NA			

MAN-MADE FIBER TRADE BALANCE LEVELS-OFF

The U.S. man-made fiber balance of trade leveled off in January, as the net-export balance of trade fell to 64.0 million pounds, down from the 67.0 million-pound export balance in December.

Falling exports coupled with rising imports caused the slippage in the trade situation. Imports of fiber totaled 23.8 million pounds, up 5½% from December's level of 22.6 million pounds. January exports of fiber totaled 87.8 million pounds, down 2% from 89.5 million pounds in December.

Even so, January's net-export trade balance is 89% higher than that of January 1984. This month's exports are 50% greater than last January's level, while imports are nearly 4% below last January's level.

JANUARY DETAIL

The net-export trade balance in noncellulosic yarn+monofilaments fell 26% in January to 14.5 million pounds, while the net-export balance in noncellulosic staple+tow rose 11% to 45.0 million pounds.

The noncellulosic yarn balance of trade slid in January as imports of yarn rose by nearly 1½ million pounds and exports fell by nearly 4 million pounds.

The balance of trade for noncellulosic staple rose in January on the strength of a 5 million-pound gain in exports. Imports of staple rose 100,000 pounds.

Products to note in January--

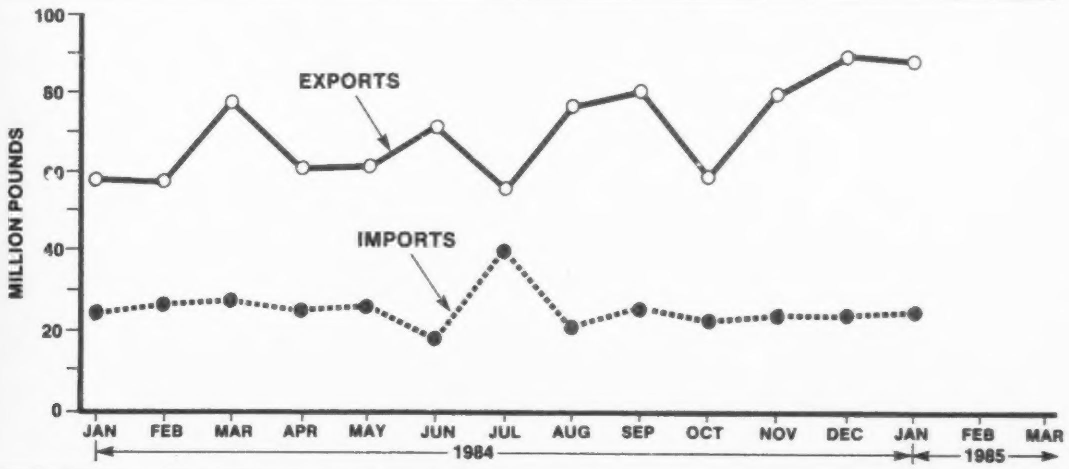
- Acrylic staple+tow. Exports rose nearly 35%.
- Nylon yarn. Imports rose over 17%.
- Nylon waste. Imports rose over 16%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as the changes are implemented the manufactures trade data will again appear in the ORGANON.

GRAPH 4: IMPORTS VERSUS EXPORTS OF MAN-MADE FIBER

MILLION POUNDS



GRAPH 5: MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

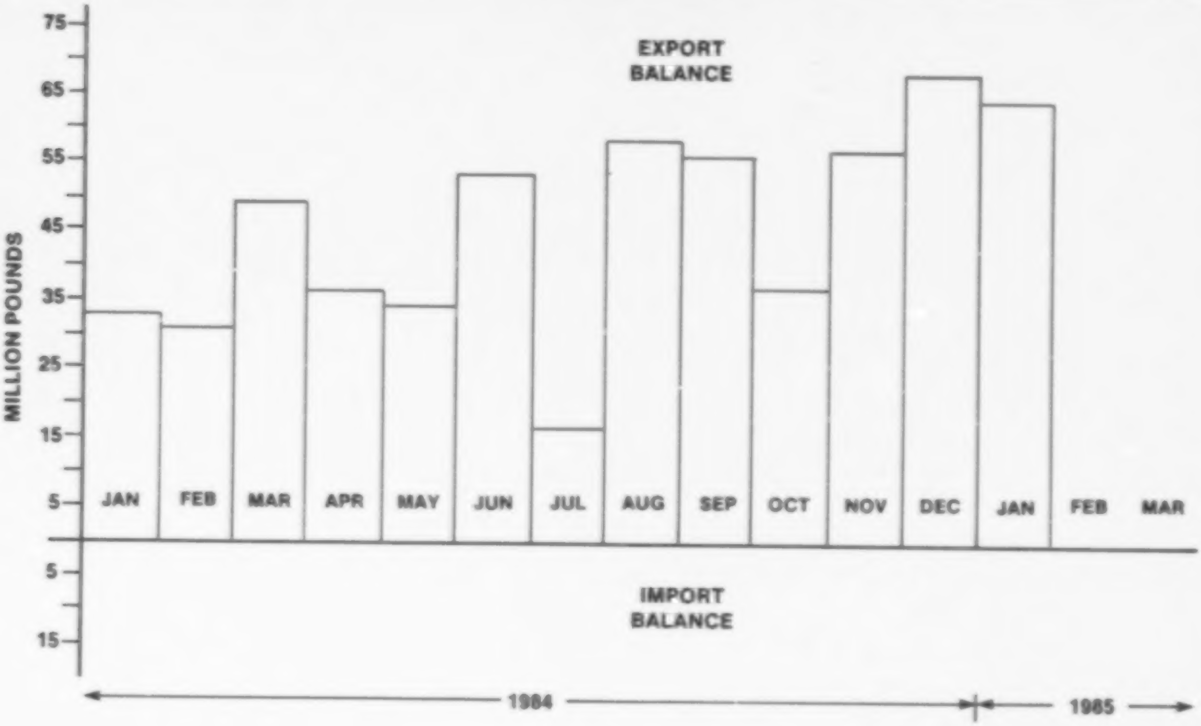


TABLE 17: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984												1985	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
CELLULOSIC YARN+MONOFILAMENTS	0.3 E	1.7 E	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	
CELLULOSIC STAPLE+TOW	1.3 E	2.4 E	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	
NONCELLULOSIC YARN+MONOFILAMENTS	10.2 E	11.3 E	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	
NONCELLULOSIC STAPLE+TOW	20.1 E	16.4 E	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	
CELLULOSIC WASTE	0.1 E	0	0.6 E	+	0.1 E	+	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E	+	
NONCELLULOSIC WASTE	1.8 E	0.7 I	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	
TOTAL	33.8 E	31.1 E	48.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.6 E	55.9 E	36.6 E	56.7 E	67.0 E	64.0 E	

I means net-import balance.
E means net-export balance.

TABLE 18: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE 1985	YEAR TO DATE 1984
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0						0	0
OTHER	310.0130 & .0230[a]	1105						1105	1136
MONOFILAMENTS	309.0310 & .0610	0						0	0
STRIPS, $1/LB & UNDER	309.2000*	5						5	0
SUBTOTAL ABOVE		**1110**						**1110**	**1136**
STAPLE	309.4320 & .4325	1319						1319	1517
GROUPED FILAMENTS	309.3010 & .3110	62						62	197
SUBTOTAL ABOVE		**1381**						**1381**	**1714**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510[c]	**96**						**96**	**40**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0108 & .0208	2115						2115	1064
- POLYESTER	310.0110 & .0210	654						654	821
- OTHER	310.0114 & .0214	1157						1157	651
OTHER - NYLON	310.0140 & .0240	2037						2037	2022
- POLYESTER	310.0150 & .0250	1336						1336	1328
- OTHER	310.0170 & .0270[d]	179						179	202
MONOFILAMENTS	309.0200 & .0330*	240						240	383
STRIPS, OVER $1/LB	309.2100 & .2500*	52						52	80
SUBTOTAL ABOVE		**7770**						**7770**	**6551**
STAPLE - NYLON	309.4338	2329						2329	2921
- POLYESTER	309.4342	1623						1623	3115
- ACRYLIC	309.4345	1392						1392	1081
- OLEFIN	309.4346	38						38	325
- OTHER	309.4355	1838						1838	1109
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	1742						1742	2271
POLYESTER	309.3040 & .3140	372						372	227
ACRYLIC	309.3050 & .3150	440						440	646
OTHER	309.3085 & .3165	70						70	115
SUBTOTAL ABOVE		**9844**						**9844**	**11810**
WASTE, NOT ADVANCED									
- NYLON	309.6625	3094						3094	2390
- POLYESTER	309.6630	445						445	634
- ACRYLIC	309.6645	*						*	37
- OTHER	309.6660	12						12	139
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0						0	57
OTHER WASTE, ADVANCED	309.7525 - .7585	44						44	161
SUBTOTAL ABOVE		**3595**						**3595**	**3418**
TOTAL MAN-MADE ABOVE		**23796**						**23796**	**24669**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1105	0						0	0
- NONCELLULOSIC	310.1015* & .1100[e]	1106						1106	1108
OTHER - CELLULOSIC	310.1030 & .1135[g]	48						48	2
- NONCELLULOSIC	310.1050 & .1070[f]	346						346	146
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	83						83	104
- OTHER	310.4015 & .4027[i]	2643						2643	2641
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	682						682	1107
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	451						451	410
SLIVER, TOPS & ROVING	309.9000	205						205	589
TEXTILE GLASS FIBER	309.2800 & .2900*	2454						2454	2128
GRAND TOTAL ABOVE		**31814**						**31814**	**32904**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

[a] Also includes 310.0510 & .0610.

[b] Also includes 310.0530, .0550, .0630 & .0650.

[c] Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

[d] There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

[e] Also includes 310.1110 & .1114.

[f] Also includes 310.2010 & .2110.

[g] Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

[h] Also includes 310.5005 & .5030.

[i] Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

[j] Chiefly roving. Also includes 309.9800 & .9900.

TABLE 19: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985												YEAR-TO-DATE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1985	1984
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0												0	5
OTHER[b]	310.0026	811												811	1384
MONOFILAMENTS	309.0110	0												0	2
STRIPS	309.2210	0												0	56
SUBTOTAL ABOVE		**811**												**811**	**1437**
STAPLE+TOW-RAYON	309.4222	2925												2925	2852
STAPLE-ACETATE	309.4219	12												12	180
SUBTOTAL ABOVE		**2937**												**2937**	**3032**
WASTE, ADVANCED & NOT ADVANCED	**309.7400**	72												72	100
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	2478												2478	4222
- HIGH TENACITY[c]	310.0027	4921												4921	1938
- OTHER	310.0029	883												883	1235
POLYESTER-TEXTURED	310.0010	7465												7465	4659
- HIGH TENACITY[c]	310.0027	865												865	1509
- OTHER	310.0034[e]	2458												2458	224
OTHER - TEXTURED	310.0014	264												264	635
- OLEFIN	309.0040	52												52	33
- OTHER	310.0044	557												557	407
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	231												231	197
POLYESTER[d]	309.0140	667												667	281
OTHER	309.0170	1060												1060	899
STRIPS	309.2220 & .2270	427												427	474
SUBTOTAL ABOVE		**22328**												**22328**	**16713**
STAPLE - NYLON	309.4240	1180												1180	1390
- POLYESTER	309.4242	23227												23227	7133
- ACRYLIC	309.4245	21821												21821	13443
- OLEFIN	309.4246	1039												1039	296
- OTHER	309.4247	755												755	700
GROUPED FILAMENTS															
NYLON	309.3220	211												211	617
POLYESTER[e]	309.3240	3251												3251	5360
ACRYLIC	309.3250 & .3255	3372												3372	2944
SUBTOTAL ABOVE		**54856**												**54856**	**31883**
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	303												303	798
- POLYESTER	309.7630	4721												4721	3247
- ACRYLIC	309.7640	419												419	225
- OTHER	309.7660	1405												1405	901
SUBTOTAL ABOVE		**6848**												**6848**	**5171**
TOTAL MAN-MADE FIBER ABOVE		**87852**												**87852**	**58380**
TEXTILE GLASS FIBER	309.2700 & .9700	7000												7000	3802
GRAND TOTAL ABOVE		**94852**												**94852**	**62182**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 20: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	120												120	42
MEXICO	33												33	163
FRANCE	27												27	0
GERMANY, FED. REP. OF	686												686	714
NETHERLANDS	77												77	28
JAPAN	96												96	74
REP. OF KOREA	0												0	60
ALL OTHER COUNTRIES[a]	71												71	55
TOTAL CELL. YARN	**1110**												**1110**	**1136**
CELLULOSIC STAPLE+TOW														
CANADA	788												788	803
AUSTRIA	62												62	390
SWEDEN	314												314	164
UNITED KINGDOM	162												162	225
JAPAN	20												20	116
ALL OTHER COUNTRIES[b]	35												35	16
TOT. CELL. STAP. & TOW	**1381**												**1381**	**1714**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	962												962	1284
COSTA RICA	0												0	0
MEXICO	624												624	1317
AUSTRIA	83												83	37
BELGIUM	205												205	47
FRANCE	682												682	224
GERMANY, FED. REP. OF	1676												1676	846
ITALY	1528												1528	199
NETHERLANDS	93												93	54
SPAIN	1												1	95
SWITZERLAND	35												35	17
UNITED KINGDOM	591												591	531
ISRAEL	78												78	111
JAPAN	584												584	1131
REP. OF KOREA	3												3	42
TAIWAN	9												9	122
ROMANIA	88												88	81
SOUTH AFRICA	286												286	347
ALL OTHER COUNTRIES[c]	242												242	66
TOTAL N.C. YARN	**7770**												**7770**	**6551**
NONCELLULOSIC STAPLE+TOW														
BRAZIL	278												278	251
CANADA	1640												1640	1028
COSTA RICA	86												86	155
MEXICO	1111												1111	2812
BELGIUM	127												127	32
FRANCE	920												920	483
GERMANY, FED. REP. OF	1656												1656	1965
ITALY	527												527	1182
NETHERLANDS	74												74	88
SWITZERLAND	18												18	22
UNITED KINGDOM	740												740	1306
ISRAEL	0												0	45
JAPAN	1154												1154	1334
REP. OF KOREA	37												37	0
TAIWAN	1301												1301	826
ROMANIA	83												83	138
SOUTH AFRICA	49												49	0
ALL OTHER COUNTRIES[d]	43												43	143
TOTAL N.C. STAPLE	**9844**												**9844**	**11810**

* Means a nominal poundage.

Other countries supplying 1985 poundages are:

a. Brazil 70, People's Republic of China 1.

b. Federal Republic of Germany 34, Netherlands 1.

c. Australia 1, Norway 71, Sweden 2, Turkey 1, and Yugoslavia 167

d. Australia 42, Spain 1.

TABLE 21: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984												YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
	TOTAL SHIPMENTS[b] - Revised													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**	**13.6**	**12.2**	**198.3**	**225.8**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4	33.1	31.0	375.1	318.1
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8	2.9	2.2	34.0	35.5
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7	63.5	62.6	794.9	762.6
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2	28.7	30.2	24.1	353.0	381.4
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4	25.0	22.4	313.1	307.8
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9	1.5	3.3	24.8	26.0
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6	76.3	69.4	860.2	1027.1
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	59.3	56.6	64.0	72.9	73.8	742.1	714.2
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**287.2**	**288.2**	**306.5**	**305.4**	**288.8**	**3497.2**	**3572.7**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**	**30.9**	**25.7**	**384.0**	**377.4**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4	73.4	66.3	74.4	65.7	61.7	831.3	911.2
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3	49.4	50.5	666.2	654.7
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7	191.6	182.7	2192.4	2197.8
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	22.2	21.5	20.7	246.7	189.7
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**332.6**	**328.2**	**315.6**	**3936.6**	**3953.4**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**	**13.1**	**12.4**	**12.4**	**12.5**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0	27.5	27.4	27.4	23.8
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9	4.6	5.9	5.9	4.0
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7	72.5	63.0	63.0	54.0
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3	44.8	44.4	44.4	39.0
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5	18.8	22.1	22.1	18.7
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4	4.7	2.8	2.8	3.2
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9	78.4	74.6	74.6	75.7
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4	60.0	60.8	60.8	56.5
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**	**311.3**	**301.0**	**301.0**	**274.9**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**	**30.4**	**28.5**	**28.5**	**23.3**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3	77.2	78.6	78.6	75.1
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8	75.9	77.9	77.9	72.8
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5	197.7	173.5	173.5	174.1
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3	20.4	23.3	23.2	20.0
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**	**371.2**	**353.2**	**353.2**	**342.0**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	13.0	11.8	10.8	11.6	9.5	153.3	151.8
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7	0.6	1.1	0.7	0.5	9.9	10.7
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.7	12.4	11.9	12.3	10.0	163.2	162.5
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.2	211.2	175.2	2668.2	2795.7

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 43 of this issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 43 of this issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 43 of this issue.

TABLE 22: FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1983				1984			
		1981	1982	1983	1984	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
(A) ACETATE			(N) NYLON *				(P) POLYESTER				(O) OLEFIN		
HOSIERY[b]	N	107.0	92.3	104.3	101.5	25.4	26.3	26.0	26.6	27.8	25.6	24.1	24.0
OTHER CIRCULAR KNIT[c]	N	48.2	25.7	24.5	17.6	5.3	6.0	6.0	7.2	4.2	5.1	4.5	3.8
	P	345.6	228.4	293.7	174.7	77.2	79.3	67.5	69.7	55.7	42.0	33.8	43.2
	A	3.6	1.6	2.1	2.3	0.7	0.5	0.6	0.3	0.4	1.0	0.6	0.3
FLAT KNIT	A	98.7	71.7	79.1	67.2	18.0	23.6	20.1	17.4	18.1	19.8	15.1	14.2
	N	163.2	130.8	162.2	135.2	39.0	42.4	39.8	41.0	40.4	33.0	29.4	32.4
	P	98.4	87.0	116.6	137.3	22.4	26.2	31.3	36.7	32.7	36.0	34.0	34.6
CARPET FACE	N	633.6	559.5	734.6	770.2	143.9	196.4	196.4	197.9	191.1	197.7	191.3	190.1
	O	89.5	90.0	131.2	139.1	29.8	34.0	33.1	34.3	29.9	32.4	35.4	41.4
CARPET BACKING[d]	O	195.3	184.7	198.8	227.8	46.1	54.1	53.7	44.9	48.1	53.0	51.6	75.1
OTHER BROAD WOVEN[e]	A	110.7	88.8	113.6	108.8	24.2	29.2	29.7	30.5	29.8	30.5	27.2	21.3
	N	89.2	82.2	83.6	90.7	21.3	22.3	19.3	20.7	20.5	24.7	23.9	21.6
	P	440.2	367.0	489.9	392.2	107.0	138.6	118.1	126.2	104.8	93.9	92.5	101.0
	O	200.7	172.5	217.1	205.3	48.9	57.2	58.1	52.9	51.2	54.3	47.5	52.3
NARROW WOVEN[f]	A	8.6	2.9	1.7	0.7	0.9	0.2	0.4	0.2	0.1	0.3	0.3	*
	N	34.0	30.2	35.3	39.9	7.0	9.2	9.5	9.6	10.8	10.1	9.2	9.8
	P	28.1	28.1	35.5	38.7	7.7	8.5	8.7	10.6	8.6	8.8	10.2	11.1
	O	12.6	12.1	15.0	14.9	3.7	3.5	3.8	4.0	3.7	3.8	3.8	3.6
TIRES, INCL. CHAFER	N	204.7	147.9	145.5	172.9	29.2	33.7	34.8	47.8	42.4	45.5	38.6	46.4
	P	174.8	168.9	174.1	174.4	42.9	45.3	42.5	43.4	44.6	44.5	44.8	40.5
OTHER RUBBER INDUSTRY[g]	N	25.7	17.3	16.3	20.9	4.1	4.3	4.0	3.9	5.1	5.6	5.5	4.7
	P	35.1	26.7	27.8	32.7	6.4	7.7	5.9	7.8	8.1	9.9	7.8	6.9
ROPE, CORDAGE & FISHLINE	N	30.6	29.1	31.7	35.0	7.5	7.6	8.0	8.6	8.7	9.9	8.4	8.0
	P	15.8	14.4	12.2	15.7	3.3	3.4	2.8	2.7	4.5	3.9	3.5	3.8
	O	92.1	84.8	95.5	106.9	23.3	25.7	23.1	23.4	28.4	27.9	23.1	27.5
ALL OTHER[h]	A	4.7	4.0	1.1	1.1	0.3	0.4	0.2	0.2	0.3	0.3	0.2	0.3
	N	68.1	50.6	54.4	54.2	12.3	10.9	14.6	16.6	14.1	13.5	14.0	12.6
	P	292.0	214.3	144.6	179.2	39.4	33.6	30.4	41.2	32.9	47.1	50.3	48.9
	O	38.1	32.9	41.0	31.6	8.8	9.7	10.3	12.2	8.0	8.8	8.2	6.6
TOTAL ABOVE	A	**226.3**	**189.0**	**197.6**	**180.1**	**44.1**	**53.9**	**51.0**	**48.6**	**48.7**	**51.9**	**43.4**	**36.1**
	N	**1404.3**	**1165.6**	**1392.4**	**1438.1**	**295.0**	**359.1**	**358.4**	**379.9**	**365.1**	**370.7**	**348.9**	**353.4**
	P	**1430.0**	**1134.8**	**1294.4**	**1144.9**	**306.3**	**342.6**	**307.2**	**338.3**	**281.9**	**286.1**	**276.9**	**290.0**
	O	**628.3**	**577.0**	**698.6**	**725.6**	**160.6**	**184.2**	**182.1**	**171.7**	**169.3**	**180.2**	**169.6**	**206.5**
TOTAL DOMESTIC		**3688.9**	**3046.4**	**3582.8**	**3488.7**	**806.0**	**939.8**	**898.7**	**938.3**	**875.0**	**888.9**	**838.8**	**886.0**
ALSO DIVIDED AS													
APPAREL		1530.0	1128.2	1257.5	1072.1	305.4	335.6	301.7	314.8	278.1	308.8	244.0	241.2
HOME FURNISHINGS		1129.4	1016.6	1328.7	1354.2	272.0	351.3	350.3	355.1	335.3	305.5	339.9	373.5
INDUSTRIAL		1029.5	901.6	996.8	1062.4	228.6	252.9	246.7	268.6	261.6	274.6	254.9	271.3
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)[i]													
NYLON		159.6	122.3	127.1	118.7	30.9	32.8	31.5	31.9	31.3	30.4	28.1	28.9
POLYESTER		991.3	737.9	832.4	675.5	201.0	221.8	192.2	217.4	173.6	162.1	161.7	178.1
OLEFIN		33.5	26.8	28.0	23.3	6.2	8.2	7.4	6.2	5.9	5.8	6.9	4.7

*. Includes Aramid in 1981 through 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports.

i. These poundages are included in the Total Domestic area above.

TABLE 23: STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

(R) RAYON (N) NYLON * (A) ACRYLIC+MODACRYLIC (P) POLYESTER (O) OLEFIN

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1983				1984			
		1981	1982	1983	1984	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	255.6	230.5	237.3	204.8	58.1	64.3	60.4	54.5	54.4	57.1	49.5	44.8
	NPR	8.9	8.8	9.5	6.6	2.9	2.7	2.2	1.7	1.4	1.6	1.8	1.8
PILE FABRICS[a]	A	44.7	36.4	33.0	30.0	9.0	10.3	7.8	5.9	8.3	8.9	7.0	5.8
	P	14.9	15.6	18.2	18.4	4.8	4.9	5.0	3.5	4.8	5.0	4.6	4.0
OTHER CIRCULAR+FLAT KNIT[c]	R	10.9	5.7	3.5	4.3	1.0	1.2	0.9	0.4	1.2	0.6	1.2	1.3
	A	91.6	112.6	129.5	118.5	31.5	32.2	33.0	32.8	32.0	35.0	31.0	20.5
	P	300.7	288.8	354.4	283.0	91.5	91.1	85.8	86.0	77.6	76.5	67.5	61.4
BLANKETS[b]	A	26.1	23.7	27.1	25.2	7.7	6.7	8.1	4.6	6.9	5.5	6.7	6.1
	P	14.8	12.0	10.5	5.5	3.8	2.8	2.5	1.4	1.4	1.4	1.5	1.2
OTHER BROAD WOVEN	R	224.7	146.6	182.1	177.7	40.8	45.3	47.0	49.0	48.9	42.8	43.2	42.8
	N	52.4	56.4	59.0	42.5	15.4	16.6	14.2	12.8	12.3	11.0	8.9	10.3
	A	33.0	25.7	32.5	29.5	7.7	8.8	8.2	7.8	9.4	7.4	5.6	7.1
	P	1107.0	889.0	1062.9	1039.1	237.0	270.4	272.3	283.2	272.6	270.6	258.3	237.6
	O	17.1	16.1	19.4	22.1	4.9	5.0	4.9	4.6	5.7	5.3	5.3	5.8
CARPET FACE YARNS	R	0.3	0.1	0.2	0.3	*	0.1	*	0.1	0.2	*	0.1	*
	N	617.4	594.4	815.2	751.0	175.3	220.7	215.9	203.3	194.6	196.1	179.2	181.1
	A		Included in All Other										
	P	124.0	114.7	139.0	131.4	34.7	39.8	33.2	31.3	31.2	35.6	32.0	32.6
	O	67.5	76.8	93.6	96.5	21.7	23.7	22.7	25.5	22.4	25.2	23.9	25.0
FIBERFILL[a]	P	226.7	228.4	275.4	276.1	60.8	68.8	75.3	70.5	69.2	65.9	65.4	75.6
FLOCK	NP	13.0	10.2	10.6	9.2	2.3	3.0	3.0	2.3	2.3	2.3	2.2	2.4
	R	5.6	3.1	3.2	2.7	0.9	0.7	0.7	0.9	0.7	0.7	0.7	0.6
NONWOVENS[e,f]	R	124.6	111.9	119.0	126.3	30.5	29.0	29.3	30.2	33.8	32.4	32.0	28.1
	N	3.5	3.8	4.9	2.8	1.1	1.1	1.4	1.3	0.9	0.6	0.7	0.6
	P	149.3	155.2	177.4	177.2	38.8	48.4	47.8	42.4	44.6	46.7	42.9	43.0
	VINYON+O	42.7	39.0	61.5	119.2	10.2	13.0	16.5	21.8	25.2	29.6	32.5	31.9
ALL OTHER	R	29.1	24.3	23.8	18.8	6.3	6.1	6.4	5.0	5.5	5.6	3.8	3.9
	N	10.3	7.7	5.2	9.4	1.2	1.6	1.3	1.1	1.1	0.9	3.6	3.8
	A	41.1	29.0	32.8	38.7	6.1	7.0	10.4	9.3	9.6	10.3	8.9	9.9
	P	60.6	57.8	55.8	56.2	14.6	12.6	14.7	13.9	11.7	24.5	7.8	12.2
	VINYON+O	4.7	7.0	8.9	3.1	2.9	2.4	1.0	2.6	0.4	0.9	1.0	0.8
TOTAL ABOVE	R	**396.9**	**293.7**	**333.5**	**331.9**	**80.1**	**83.0**	**84.6**	**85.8**	**90.7**	**82.5**	**81.6**	**77.1**
	N	**696.4**	**673.3**	**897.1**	**814.4**	**196.0**	**243.5**	**236.2**	**221.4**	**211.1**	**210.6**	**194.5**	**198.2**
	A	**494.1**	**457.9**	**492.2**	**446.7**	**120.1**	**129.3**	**127.9**	**114.9**	**120.6**	**124.2**	**107.7**	**94.2**
	P	**2005.4**	**1767.5**	**2099.2**	**1992.2**	**487.6**	**540.4**	**538.1**	**533.1**	**514.2**	**527.7**	**481.3**	**469.0**
	VINYON+O	**132.0**	**138.9**	**183.4**	**240.9**	**39.7**	**44.1**	**45.1**	**54.5**	**53.7**	**61.0**	**62.7**	**63.5**
TOTAL DOMESTIC		**3724.8**	**3331.3**	**4005.4**	**3826.1**	**923.5**	**1040.3**	**1031.9**	**1009.7**	**990.3**	**1006.0**	**927.8**	**902.0**
ALSO DIVIDED AS													
APPAREL		1487.5	1321.7	1461.3	1277.1	360.8	386.0	359.9	354.6	341.1	349.9	310.3	275.8
HOME FURNISHINGS		1442.9	1263.4	1630.0	1559.0	363.9	432.9	424.8	408.4	404.7	406.1	375.1	373.1
INDUSTRIAL		794.4	743.2	914.1	992.1	198.8	221.4	247.2	246.7	244.5	250.0	242.4	253.1

* 1981 through 1982 poundages include Aramid.

a. Olefin poundages are included in All Other.

b. Rayon and nylon poundages are included in All Other.

c. Nylon poundages are included in All Other.

d. Rayon and acrylic poundages are included in All Other.

e. Wet & dry laid and needled batts only.

f. Acrylic poundages are included in All Other.

TABLE 24: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE[a] 1985	1984
	TOTAL SHIPMENTS[b]							
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**14.3**	**14.1**					**28.4**	**34.7**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0					63.1	58.0
- LOW DENIER INDUSTRIAL[g]	2.3	2.2					4.5	6.1
- CARPET	57.1	51.9					109.0	132.9
- TEXTILE	30.5	27.0					57.5	65.6
POLYESTER - INDUSTRIAL[f]	26.4	24.5					50.9	49.7
- LOW DENIER INDUSTRIAL[g]	1.6	1.6					3.2	4.0
- TEXTILE	69.5	75.6					145.1	154.8
OLEFIN[h]	78.0	79.9					157.9	109.5
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**					**591.2**	**580.6**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**29.0**	**25.0**					**54.0**	**64.0**
NYLON[e]	70.5	60.6					131.1	145.9
ACRYLIC+MODACRYLIC	51.5	55.0					106.5	105.2
POLYESTER	162.4	169.5					331.9	350.0
OLEFIN+VINYON	21.4	23.1					44.5	37.1
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**					**614.0**	**638.2**
	END-OF-MONTH STOCK							
YARN+MONOFILAMENTS								
ACETATE	**13.1**	**13.3**					**13.3**	**14.6**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6					30.6	23.7
- LOW DENIER INDUSTRIAL[g]	6.2	6.2					6.2	4.4
- CARPET	68.0	69.5					69.5	58.8
- TEXTILE	43.1	45.0					45.0	36.9
POLYESTER - INDUSTRIAL[f]	24.3	23.2					23.2	22.3
- LOW DENIER INDUSTRIAL[g]	2.8	2.7					2.7	3.5
- TEXTILE	79.7	81.6					81.6	82.8
OLEFIN[h]	62.0	64.3					64.3	59.3
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**					**323.1**	**291.7**
STAPLE+TOW+FIBERFILL								
RAYON	**30.3**	**31.3**					**31.3**	**27.4**
NYLON[e]	69.7	72.4					72.4	76.0
ACRYLIC+MODACRYLIC	76.6	75.0					75.0	79.6
POLYESTER	191.8	192.6					192.6	188.6
OLEFIN+VINYON	26.1	25.1					25.1	21.2
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**					**365.1**	**365.4**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	9.6						9.6	13.3
CARPET CLASS WOOL	0.9						0.9	0.9
TOTAL RAW WOOL	10.5						10.5	14.2
RAW COTTON	176.2						176.2	246.1

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 43 of this issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 43 of this issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 43 of this issue.

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Textile
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MONTHLY REVIEW

Highlights

***Textile Organon* Features:**

1984 Import/Export Review . . . begins on page 64.

Import Update . . . begins on page 73.

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1984 U.S. Trade Results:

U.S. Imports of Broadwoven Fabrics Rise to 152.5 Million pounds . . . see page 64.

U.S. General Imports of Apparel Rise to 2,836 Million Equivalent Square Yards . . . see page 65.

U.S. Imports of Man-Made Fiber From Europe Total 164.8 Million Pounds . . . see pages 68.

In March, olefin yarn+monofilament shipments set another record, but shipments of other products also did well:

- *Polyester staple+tow* shipments rose to the highest level in three months.
- *Polyester textile yarn* shipments rose to the highest level since January 1984.
- *Nylon industrial yarn* shipments rose to the highest level since last November.
- *Nylon carpet yarn* shipments rose to the highest level in three months.
- *Acrylic+Modacrylic staple+tow* shipments rose to the highest level since August 1984.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & PERCENT

ITEM	1985 MAR	1985 FEB	%[a]	1984 MAR	%[b]	YEAR TO DATE 1985	YEAR TO DATE 1984	%[c]
YARN+MONOFILAMENTS								
ACETATE	14.5	14.1	+2.8	19.8	-26.8	42.9	54.5	-21.3
NYLON[d] - INDUSTRIAL	33.1	31.0	+6.8	32.8	+0.9	96.2	70.0	+37.4
- LOW DENIER INDUSTRIAL	2.0	2.2	-9.1	3.0	-33.3	6.5	7.8	-16.7
- CARPET	59.5	51.9	+14.6	65.5	-9.2	168.5	150.1	+12.3
- TEXTILE	27.5	27.0	+1.9	31.1	-11.6	85.0	92.5	-8.1
POLYESTER - INDUSTRIAL	25.3	24.5	+3.3	28.3	-10.6	76.2	73.0	+4.4
- LOW DENIER INDUSTRIAL	1.4	1.6	-12.5	2.1	-33.3	4.6	5.6	-17.9
- TEXTILE	81.9	75.6	+8.3	67.1	+22.1	227.0	247.3	-8.2
OLEFIN	82.1	79.9	+2.8	64.1	+28.1	240.0	164.5	+45.9
TOTAL NONCELLULOSIC ABOVE	**312.8**	**293.7**	+6.5	**294.0**	+6.4	**904.0**	**810.8**	+11.5
STAPLE+TOW+FIBERFILL								
RAYON	**27.7**	**25.0**	+10.8	**38.0**	-27.1	**81.7**	**102.0**	-19.9
NYLON[d]	64.7	60.6	+6.8	70.8	-8.6	195.8	199.3	-1.8
ACRYLIC+MODACRYLIC	57.8	55.0	+5.1	63.9	-9.5	164.3	161.4	+1.8
POLYESTER	175.4	169.5	+3.5	197.0	-11.0	507.3	517.7	-2.0
OLEFIN+VINYON	23.7	23.1	+2.6	20.4	+16.2	68.2	40.4	+68.8
TOTAL NONCELLULOSIC ABOVE	**321.6**	**308.2**	+4.3	**352.1**	-8.7	**935.6**	**918.8**	+1.8

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

APRIL, 1985

A MONTHLY REVIEW

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APPAREL IMPORTS HIT RECORD HIGH IN 1984

Import penetration of the U.S. apparel market rose to 42.6% in 1984, up from 34.8% in 1983 and 32.0% in 1982.

Imports surged by over 23% in 1984 on the strength of greatly increased levels of imported garments. Garments, which accounted for nearly 62% of all textile imports into the apparel market, grew by an unprecedented 22% in 1984.

More specifically --

- Cotton garments grew by 22% in 1984.
- Man-made fiber garments grew by 20%.
- Woolen garments grew by 36%.

Imported fabrics also grew substantially in 1984, surging by 26%. The growth in imported fabrics was most acutely felt in the cotton sector of the apparel market as cotton fabric imports rose by 30%.

Yet in the face of rising imports, domestic output of fiber and fabric fell dramatically during the year --

- Cotton fabric shipments from U.S. mills fell nearly 8%.
- Man-made fiber domestic shipments fell over 12%.
- Woolen fabric from U.S. mills fell over 5%.

In summing up the import situation for 1984, what's the bottom line? Answer: imports are displacing domestic output. The total market for apparel in the U.S. remained relatively flat in 1984, growing just ½%. But, imports grew 23%, while domestic output fell over 10%. As a direct result of the low growth in the market for the year, imports gained a greater share of the U.S. apparel market at the expense of domestic output.

SOVIET UNION TO BUILD NEW MAN-MADE FIBER PLANTS

The Soviet Union has announced plans to expand its nylon and polyester fiber capacity at two locations:

- At Kursk, several Far Eastern and European engineering firms are bidding on construction of a 50,000 ton nylon 66 tire cord facility.
- At Blagoveshchensk, bids are being made on three units: a 50,000 ton polyester staple facility, a 36,000 ton polyester-industrial yarn facility and a 14,000 ton polyester textile yarn facility.

(ECN, April 1, 1985)

1984 IMPORT/EXPORT REVIEW

In 1984, U.S. imports of man-made fiber apparel rose by 19.2% to 2,836 million equivalent square yards. Accounting for over 89% of the total, imports from Africa, Asia and Oceania rose by 18.1%, an increase of over 59% since 1978.

Imports from Taiwan totaled 793 million equivalent square yards, an increase of nearly 6% over 1983 and 44% since 1978. Imports from the Republic of Korea rose 7% in 1984 to 614 million equivalent square yards.

1984 imports of man-made fiber apparel from the People's Republic of China totaled 231 million equivalent square yards, an increase of nearly 9% above 1983 and 1,677% above 1978. On a year-to year basis from 1978-1983, these imports rose 185% between 1978 and 1979, 27% between 1979 and 1980, 102% between 1980 and 1981, 102% between 1981 and 1982 and 11% between 1982 and 1983.

Between the years of 1983-1984, U.S. exports of noncellulosic yarn+monofilaments rose to 242.5 million pounds, a rise of nearly 16 million pounds. This increase represented a gain of $9.5 million since 1983.

In 1984, exports of noncellulosic staple+tow rose by over 117 million pounds to 429.6 million pounds. This increase was equivalent to a gain of $85.9 million since 1983.

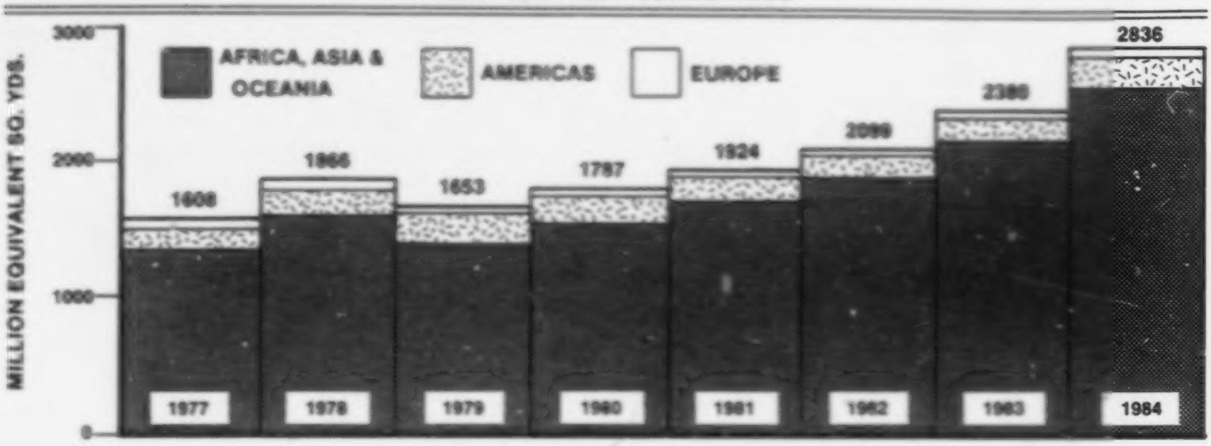
The following feature (pages 64-72) provides 1984 imports and exports of man-made fibers, man-made fiber apparel and other man-made fiber manufactures. The entire import/export situation for man-made fiber is presented in terms of by-country and by-product data, as well as poundage and dollar values. Please note the table on page 66 exhibits a percent change analysis to better depict particular import trends.

TABLE 2: U.S. IMPORTS OF SELECTED MAN-MADE FIBER MANUFACTURES

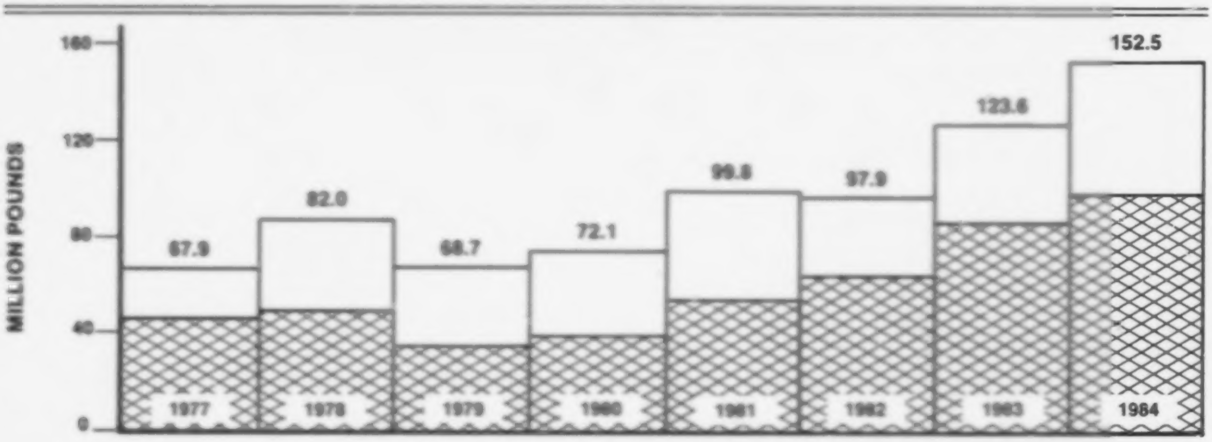
ITEM	COMMODITY NUMBER AS OF 1/1/82	THOUSAND POUNDS 1980	1981	1982	1983	1984	THOUSAND DOLLARS 1980	1981	1982	1983	1984
KNIT FABRIC IN THE PIECE											
RAYON & ACETATE	345.5011 - .5077 INCLUSIVE	176	318	448	225	124	1106	1660	2311	1168	567
ACRYLIC		147	127	146	145	115	970	725	1122	638	468
NYLON		316	346	440	407	527	1844	2206	3123	2317	3712
POLYESTER		1548	1066	849	1053	1693	7714	5171	4256	6903	9516
OTHER MAN-MADE FIBER		409	242	354	314	500	2264	1399	2089	1772	3173
TOTAL KNIT FABRICS		**2596**	**2099**	**2237**	**2144**	**2959**	**13898**	**11163**	**12901**	**12798**	**17436**
BROAD WOVEN FABRICS											
MAN-MADE FIBER FABRICS CONTAINING MORE THAN 17% WOOL											
RAYON OR ACETATE	338.1000 - .1580	42	28	9	26	32	394	184	73	127	231
NYLON		140	88	168	120	183	1401	785	1366	1052	1083
POLYESTER		16389	22170	19799	23446	32325	71725	91704	82658	92431	130948
OTHER MAN-MADE FIBER		12907	16554	10266	7785	7386	47892	54231	31407	21927	23285
OTHER WOVEN FABRICS IN THE PIECE EXCEPT PILE FABRICS											
ACETATE	338.2500 - .5089a INCLUSIVE	333	113	250	464	398	4043	1517	1349	1809	1365
RAYON - 100% FILAMENT YARN		2397	1332	1060	1590	2090	15620	9102	6454	8005	11017
- OTHER MAINLY 100% YARN		2366					15750				
RAYON &/OR ACETATE			3753	2744	4623	5486		31162	17287	26078	31451
RAYON OR ACETATE & COTTON				273	352	172			1646	1632	2079
ACRYLIC		608	297	295	191	338	3644	1634	1806	1168	1700
NYLON		1233	501	990	2522	2517	7619	4450	5893	10212	12947
POLYESTER		30424	45870	41250	50238	48059	212348	318203	286794	317131	309983
POLYESTER & RAYON				395	661	1347			1140	1153	2651
POLYESTER & COTTON				10689	16138	27505			41396	48415	71970
TEXTILE GLASS FIBER		1909	1807	2251	4915	5104	4102	4610	4935	12065	16142
OTHER MAN-MADE FIBER		1386	5542	4249	6260	14312	7389	35423	27616	29655	66048
OTHER MAN-MADE FIBER & COTTON				545	633	1563			3710	3473	7497
VELVETS	346.6010 - .6085	1043	757	579	1244	1663	4851	3515	2273	3931	4755
OTHER PILE FABRICS		914	671	1031	1155	1569	7226	4335	5995	5826	7139
TIRE FABRIC	357.8060	46	273	1069	1253	460	94	514	1520	1660	766
TOTAL BROAD WOVEN FABRICS		**72137**	**99756**	**97912**	**123616**	**152509**	**404098**	**561369**	**525318**	**587750**	**703057**

a. As of 1978, the commodity numbers for Other Woven Fabrics in the Piece Except Pile Fabrics ran from 338.2500 to 338.3098. In both 1981 and 1982 those commodity numbers, with the exception of those for textile glass (338.2500 & .2700), were revised, leaving both 1981 and 1982 data not comparable with those for earlier years.

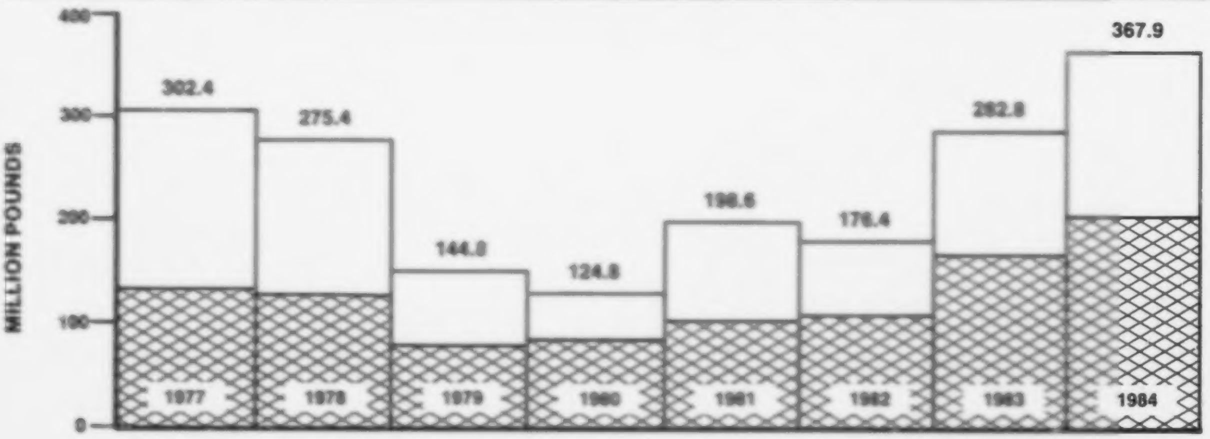
GRAPH 1: U.S. GENERAL IMPORTS OF MAN-MADE FIBER APPAREL
MILLION EQUIVALENT SQUARE YARDS



GRAPH 2: U.S. IMPORTS OF BROADWOVEN FABRIC
MILLION POUNDS



GRAPH 3: U.S. IMPORTS OF MAN-MADE FIBER & YARN
MILLION POUNDS



KEY FOR GRAPHS 2 & 3: ☐ EUROPE ▨ OTHER AMERICAS & AFRICA, ASIA & OCEANIA

TABLE 3: U.S. GENERAL IMPORTS OF MAN-MADE FIBER APPAREL

MILLIONS OF EQUIVALENT SQUARE YARDS & *Percent*

COUNTRY	1978	%[b]	1979	%[a]	%[b]	1980	%[a]	%[b]	1981	%[a]	%[b]	1982	%[a]	%[b]	1983	%[a]	%[b]	1984	%[a]	%[b]
CHINA, P.R.O.	13	0.7	37	+184.6	2.3	47	+27.0	2.6	95	+102.1	4.9	192	+102.1	9.1	213	+10.9	8.9	231	+8.5	8.1
HONG KONG	250	13.3	210	-16.0	12.7	207	-1.4	11.6	228	+10.1	11.8	240	+5.3	11.4	275	+14.6	11.5	321	+16.7	11.3
INDIA	3	0.2	4	+33.3	0.2	3	-25.0	0.2	4	+33.3	0.2	4	--	0.2	8	+100.0	0.3	12	+50.0	0.3
INDONESIA	1	0.1	2	+50.0	0.1	2	--	0.1	2	--	0.1	7	+250.0	0.4	14	+100.0	0.6	74	+428.6	2.6
ISRAEL	15	0.8	10	-33.3	0.6	9	-10.0	0.5	5	-44.4	0.3	4	-20.0	0.2	4	--	0.2	4	--	0.2
JAPAN	110	5.9	52	-52.7	3.1	44	-15.4	2.5	35	-20.5	1.8	26	-25.7	1.2	35	+34.6	1.5	53	+51.4	1.9
KOREA, REP. OF	418	22.4	377	-9.8	22.8	449	+19.1	25.0	540	+20.3	28.1	522	-3.3	24.9	575	+10.1	24.2	614	+6.8	21.7
MACAO	20	1.0	25	+25.0	1.5	17	-32.0	1.0	22	+29.4	1.1	21	-4.5	1.0	25	+19.0	1.1	34	+36.0	1.2
MALAYSIA	3	0.2	3	--	0.2	3	--	0.2	5	+66.7	0.3	7	+40.0	0.4	8	+14.3	0.3	30	+275.0	1.2
PHILIPPINES	116	6.2	112	-3.4	6.8	103	-8.0	5.8	105	+1.9	5.4	108	+2.9	5.1	120	+11.1	5.1	163	+35.8	5.7
SINGAPORE	56	3.0	49	-12.5	3.0	39	-20.4	2.2	42	+7.7	2.2	48	+14.3	2.3	54	+12.5	2.3	86	+59.3	3.0
SRI LANKA	3	0.2	6	+100.0	0.3	7	+16.7	0.4	9	+28.6	0.5	20	+122.2	0.9	22	+10.0	0.9	38	+72.7	1.3
TAIWAN	549	29.4	480	-12.6	29.0	596	+24.2	33.3	586	-1.7	30.5	660	+12.6	31.4	750	+13.6	31.5	793	+5.7	28.0
THAILAND	34	1.8	29	-14.7	1.8	22	-24.1	1.2	25	+13.6	1.3	37	+48.0	1.8	46	+24.3	1.9	77	+67.4	2.7
OTHER A., A. & O.	1	0.1	1	--	0.1	1	--	0.1	2	+100.0	0.1	2	--	0.1	4	+100.0	0.2	13	+225.0	0.5
TOTAL A., A. & O.	**1592**	85.3	**1397**	-12.2	84.5	**1549**	+10.9	86.7	**1705**	+10.1	88.6	**1898**	+11.3	90.4	**2153**	+13.4	90.5	**2543**	+18.1	89.7
BARBADOS	6	0.3	5	-16.7	0.3	6	+20.0	0.3	6	--	0.3	6	--	0.3	8	+33.3	0.3	4	-50.0	0.2
BELIZE	4	0.2	3	-25.0	0.2	5	+66.7	0.3	2	-60.0	0.1	2	--	0.1	2	--	0.1	+	-100.0	--
CANADA	2	0.1	2	--	0.1	2	--	0.1	2	--	0.1	3	+50.0	0.2	3	--	0.1	4	+33.3	0.2
COLOMBIA	7	0.4	7	--	0.4	5	-28.6	0.3	5	--	0.3	5	--	0.2	5	--	0.2	7	+40.0	0.3
COSTA RICA	12	0.6	16	+33.3	1.0	17	+6.3	1.0	18	+5.9	0.9	19	+5.5	0.9	24	+26.3	1.0	25	+4.2	0.9
DOMINICAN REPUBLIC	26	1.4	32	+23.1	1.9	34	+6.3	1.9	33	-2.9	1.7	38	+15.2	1.8	43	+13.1	1.8	51	+18.6	1.8
EL SALVADOR	12	0.6	11	-8.3	0.7	3	-72.7	0.2	2	-33.3	0.1	1	-50.0	0.1	1	--	--	1	--	--
GUYANA	2	0.1	2	--	0.1	3	+50.0	0.2	3	--	0.2	3	--	0.2	3	--	0.2	1	-66.7	--
HAITI	45	2.4	47	+4.4	2.8	49	+4.3	2.7	39	-20.4	2.0	3.3	-15.4	1.5	40	-21.2	1.7	42	+5.0	1.4
HONDURAS	2	0.1	3	+50.0	0.2	4	+33.3	0.2	5	+25.0	0.2	5	--	0.2	4	-20.0	0.2	5	+25.0	0.2
JAMAICA	2	0.1	3	+50.0	0.2	4	+33.3	0.2	4	--	0.2	2	-50.0	0.1	3	+50.0	0.1	5	+66.7	0.2
LEEWARD & WINDWARD IS.	+	--	3	+100.0	0.2	4	+33.3	0.2	7	+75.0	0.4	8	+14.3	0.4	10	+25.0	0.4	12	+20.0	0.4
MEXICO	79	4.3	69	-12.7	4.2	72	+4.3	4.0	64	-11.1	3.3	42	-34.4	1.9	40	-4.8	1.7	56	+40.0	1.9
NICARAGUA	3	0.2	1	-66.7	0.1	1	--	0.1	+	-100.0	--	+	--	--	+	--	--	+	--	--
OTHER AMERICAS	3	0.2	2	-33.3	0.1	3	+50.0	0.2	2	-33.3	0.2	3	+50.0	0.2	4	+33.3	0.2	15	+275.0	0.5
TOTAL AMERICAS	**205**	11.0	**206**	+0.5	12.5	**212**	+2.9	11.9	**192**	-9.4	10.0	**170**	-11.5	8.1	**190**	+11.8	8.0	**228**	+20.0	8.0
FRANCE	5	0.3	4	-20.0	0.2	2	-50.0	0.1	2	--	0.1	2	--	0.1	4	+100.0	0.2	5	+25.0	0.2
GERMANY, FED. REP. OF	1	0.1	1	--	0.1	+	-100.0	--	+	--	--	1	+100.0	0.1	1	--	--	2	+100.0	0.1
ITALY	26	1.3	15	-42.3	0.9	9	-40.0	0.4	7	-22.2	0.3	6	-14.3	0.3	7	+16.7	0.3	17	+142.9	0.5
POLAND	14	0.7	9	-35.7	0.5	5	-44.4	0.2	4	-20.0	0.2	3	-25.0	0.1	3	--	0.1	5	+66.7	0.2
PORTUGAL	1	0.1	1	--	0.1	1	--	0.1	1	--	0.1	1	--	0.1	1	--	--	2	+100.0	0.1
ROMANIA	13	0.6	10	-23.1	0.6	6	-40.0	0.3	10	+66.7	0.4	15	+50.0	0.5	14	-6.7	0.6	17	+21.4	0.5
SPAIN	3	0.2	2	-33.3	0.1	1	50.0	0.1	1	--	0.1	1	--	0.1	2	+100.0	0.1	2	--	0.1
UNITED KINGDOM	3	0.2	3	--	0.2	1	-33.3	0.1	1	--	0.1	1	--	0.1	2	+100.0	0.1	4	+100.0	0.2
YUGOSLAVIA	1	0.1	2	+100.0	0.1	+	-100.0	--	+	--	--	+	--	--	+	--	--	4	+400.0	0.2
OTHER EUROPE	2	0.1	3	+50.0	0.2	1	-66.7	0.1	1	--	0.1	1	--	0.1	3	+200.0	0.1	7	+133.3	0.2
TOTAL EUROPE	**69**	3.7	**50**	-27.5	3.0	**26**	-48.0	1.4	**27**	+3.8	1.4	**31**	+14.8	1.5	**37**	+19.3	1.5	**65**	+75.7	2.3
GRAND TOTAL	**1866**	100.0	**1653**	-11.4	100.0	**1787**	+8.1	100.0	**1924**	+7.7	100.0	**2099**	+9.1	100.0	**2380**	+13.4	100.0	**2836**	+19.2	100.0

+ Means nominal poundage.

-- Means nominal percentage.

a. Percent change from previous year.

b. Percent of total apparel imports.

TABLE 4: SELECTED U.S. MAN-MADE FIBER IMPORTS BY COUNTRY OF ORIGIN[a]

THOUSAND POUNDS

COUNTRY	A. NONCELLULOSIC YARN - SINGLES						B. NONCELLULOSIC STAPLE+TOW								C. SPUN YARNS				D. WASTE				E. TEXTILE GLASS	
	NYLON		POLYESTER		OTHER		NYLON		POLYESTER		ACRYLIC		OTHER		CELL.		NONCELL.		CELL.		NONCELL.			
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
ARGENTINA	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	1	0	0	264	428	0	0
BRAZIL	0	1	0	7	0	0	0	803	0	+	0	0	112	661	0	0	1653	1598	0	0	76	2298	0	0
CANADA	560	7470	189	1991	6870	7239	2761	3016	4777	8619	28	5	1647	2499	6	3	0	2290	59	23	7926	13556	153	503
COSTA RICA	0	0	16	540	0	0	0	0	1066	2403	0	0	1	0	0	0	2531	0	0	0	128	326	0	0
MEXICO	4725	8101	1251	5869	193	54	3097	4265	9545	10320	4054	3014	11	0	0	+	3048	3556	0	0	10758	7662	0	0
OTHER AMERICAS	0	0	0	0	0	0	+	0	0	75[g]	+	0	0	0	0	0	31	245[j]	0	0	73	141[m]	0	0
TOTAL AMERICAS	**5285**	**15572**	**1456**	**8407**	**7063**	**7293**	**5892**	**8084**	**15388**	**21417**	**4082**	**3019**	**1771**	**3160**	**6**	**3**	**7263**	**7690**	**59**	**23**	**19225**	**24411**	**153**	**503**
AUSTRIA	0	37	0	1	176	364	0	0	0	0	1	0	27	71	48	601	196	451	0	0	0	0	0	0
BELGIUM/LUX.	230	687	6	4	7	85	181	323	79	57	235	14	1	45	0	0	16	144	0	0	1160	868	0	216
DENMARK	0	60	+	0	0	1	38	25	1	22	0	0	0	49	0	0	0	+	0	0	1025	346	0	0
FINLAND	0	0	0	0	0	0	0	63	1	0	0	0	0	17	0	0	110	117	0	0	31	28	0	1
FRANCE	1765	3253	8	11	39	31	8701	4491	2	122	41	1	239	56	0	0	1126	983	0	2	731	1185	1282	463
GERMANY, FED. REP. OF	1425	9055	4033	4813	257	864	9647	23388	162	377	5564	6304	1378	551	391	809	1034	2314	0	0	6177	6115	9	326
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRELAND	0	0	0	0	0	58	0	+	0	0	39	0	0	45	0	0	2	+	0	0	0	0	0	0
ITALY	2583	8237	388	227	178	872	6497	10569	55	106	1795	1435	1899	1645	2	1	3376	4072	0	0	808	124	60	300
NETHERLANDS	59	184	136	344	59	19	915	603	3	2	7	0	68	38	+	0	0	+	0	0	3084	2057	40	6
POLAND	0	0	0	0	0	0	0	0	0	0	0	13	0	6	0	0	0	0	0	0	0	0	0	0
PORTUGAL	0	0	0	0	0	0	10	0	0	40	0	0	0	0	0	0	0	245	0	0	0	0	0	0
ROMANIA	83	586	0	38	0	0	166	571	483	1518	0	0	0	0	0	0	2948	2804	0	0	956	496	0	0
SPAIN	+	83	1297	286	163	26	0	0	31	+	2	0	25	36	0	0	967	2045	0	0	0	50	0	0
SWITZERLAND	525	353	107	37	5	15	106	274	41	0	25	2	115	89	0	0	392	14	0	0	722	809	0	0
UNITED KINGDOM	2987	4076	55	491	196	295	15028	11321	152	169	1018	1484	876	2483	0	0	425	347	215	506	1091	2508	2886	2927
OTHER EUROPE	0	2[b]	2	+[d]	16	164[e]	429	314[f]	0	1[h]	0	0	12	35[i]	0	0	10	1993[k]	0	0	316	1416[n]	0	67
TOTAL EUROPE	**9657**	**26613**	**6032**	**6252**	**1096**	**2794**	**41718**	**51942**	**1010**	**2414**	**8727**	**9253**	**4640**	**5166**	**441**	**1411**	**10602**	**15529**	**215**	**508**	**16101**	**16002**	**4277**	**4306**
AUSTRALIA	0	16	0	0	5	65	92	88	0	0	0	0	0	10	0	0	0	0	0	0	1487	780	0	0
BANGLADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	0	0	0	+	0	0	0	0	0	0	0	0	0	0	0	0	230	1	0	0	1505	3018	0	0
EGYPT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0	0
HONG KONG	0	0	0	+	0	7	+	+	0	0	0	0	+	2	0	0	333	164	0	0	0	0	50	+
INDONESIA	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	962	1166	0	0	0	0	0	0
ISRAEL	1257	1432	13	346	0	0	147	184	0	1	0	1	0	0	0	0	0	151	0	0	554	751	0	0
JAPAN	2554	3894	6289	8355	2158	1072	424	481	5321	3976	7450	8154	853	1625	644	310	5446	5117	0	0	1875	1443	15180	18262
KOREA, REP. OF	720	113	78	3	60	72	0	0	433	404	15	22	0	34	0	0	531	550	0	0	2225	2562	0	1
MALAYSIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1600	1401	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0
PHILIPPINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2060	627	0	0	123	231	0	0
SINGAPORE	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	1422	1331	0	0	0	24	0	0
SOUTH AFRICA	0	21	1835	3058	0	78	77	210	696	296	11	0	0	0	0	0	18	760	0	0	1005	1188	74	0
TAIWAN	357	405	64	86	17	+	71	379	688	1487	0	20	3673	9290	0	0	565	427	0	0	1989	81	0	0
THAILAND	35	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	410	640	0	0	0	0	0	0
OTHER A, A & O	0	94[c]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	29[l]	0	0	0	0	0	10[p]
TOTAL A, A & O	**4923**	**5975**	**8324**	**11848**	**2240**	**1294**	**811**	**1368**	**7138**	**6164**	**7476**	**8197**	**4526**	**10961**	**644**	**310**	**13622**	**12364**	**0**	**0**	**10763**	**10132**	**15254**	**18273**
GRAND TOTAL	**19865**	**48160**	**15812**	**26507**	**10399**	**11381**	**48421**	**61394**	**23536**	**29995**	**20285**	**20469**	**10937**	**19287**	**1091**	**1724**	**31487**	**35583**	**274**	**531**	**46089**	**50545**	**19684**	**23082**

SOURCE: U.S. Census Bureau IM146.

a. See February ***Organon***, page 33, for other 1983 & 1984 U.S. man-made fiber imports by country of origin.
b. Sweden 2.
c. Morrocco 1, and Mali 93.
d. Norway +.
e. Norway 155, and Sweden 9.
f. Sweden 58, and Turkey 256.
g. Honduras 75.
h. Turkey 1.
i. Sweden 33 and Norway 2.
j. Peru 20, and Uruguay 225.
k. Gibraltor 2, Sweden 11, and Turkey 1980.
l. India 17, Morocco 12, and Arab EM +.
m. Venezuela 82, and Haiti 59.
n. Sweden 880, Czechoslovakia 166, Bulgaria 291, and Turkey 79.
o. Sweden +, and Yugoslavia 67.
p. Kuwait 10.
A. Nylon 310.0109, .0149, .0209 & 0249; Polyester 310.0110, .0150, .0210 & .0250; Other 310.0114, .0170, .0214, .0270, .0530, .0550, .0630 & .0650.
B. Nylon 309.3030, .3130 & .4338; Polyester 309.3040, .3140 & .4342; Acrylic 309.3030, .3150 & .4345; Other 309.3065, .3165, .4346 & .4355.
C. Cellulosic 310.4005, .4030, .5005 & .5030; Noncellulosic 310.4015, .4027, .4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
D. Cellulosic 309.6615 & .7510; Noncellulosic 309.6000, .6625, .6630, .6645, .6660, .7000, .7525, .7530, .7540 & .7555.
E. 309.2800, .2900, .9800 & .9900.

SELECTED U.S. MAN-MADE FIBER & MANUFACTURES IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

TABLE 5: IMPORTS OF MAN-MADE BROAD WOVEN FABRICS

COUNTRY	1980	1981	1982	1983	1984
AUSTRIA	153	190	112	192	434
BELGIUM	550	558	605	1127	1538
FRANCE	2565	1631	2202	2287	3353
GERMANY, FED. REP. OF	1309	2264	1518	1960	3188
HUNGARY	124	28	19	23	170
IRELAND	129	2591	253	211	91
ITALY	27379	36656	27524	29127	41923
NETHERLANDS	127	103	115	90	126
POLAND	120	235	256	85	164
PORTUGAL	137	46	18	13	218
ROMANIA	47	25	45	59	182
SPAIN	156	385	293	250	289
SWEDEN	368	376	159	121	173
SWITZERLAND	962	650	477	479	770
UNITED KINGDOM	587	321	438	379	874
YUGOSLAVIA	363	408	343	390	517
OTHER EUROPE	92	41	19	17	105
TOTAL EUROPE ABOVE	**35168**	**46508**	**34396**	**36810**	**54115**
CHINA, P.R.O.	238	1309	2408	3184	7234
HONG KONG	140	102	106	1303	171
INDIA	312	117	70	38	353
JAPAN	23070	32588	34626	42396	38447
KOREA, REPUBLIC OF	9160	11591	17184	23486	27669
MALAYSIA	425	541	350	799	1398
SINGAPORE	69	348	110	19	42
TAIWAN	783	1641	3135	9370	10265
THAILAND	72	1471	2018	1706	2522
BRAZIL	832	1373	1188	1514	1531
CANADA	1824	2099	2156	2859	3469
ALL OTHER	44	68	165	132	5293
TOTAL EXCLUDING EUROPE	**36969**	**53248**	**63516**	**86806**	**98394**
GRAND TOTAL	**72137**	**99756**	**97912**	**123616**	**152509**

TABLE 6: IMPORTS OF MAN-MADE KNIT FABRIC IN THE PIECE

COUNTRY	1980	1981	1982	1983	1984
FRANCE	149	145	244	159	303
GERMANY, FED. REP.	417	299	356	318	369
IRELAND	1	--	47	2	3
ITALY	182	138	337	279	539
SWEDEN	47	78	28	16	5
UNITED KINGDOM	94	73	132	58	183
OTHER EUROPE	66	51	49	63	118
TOTAL EUROPE ABOVE	**956**	**784**	**1193**	**895**	**1520**
HONG KONG	8	1	3	26	31
JAPAN	1412	950	899	1039	1114
KOREA, REPUBLIC OF	2	--	1	18	6
TAIWAN	54	36	31	79	177
CANADA	118	191	89	46	65
COSTA RICA	0	77	0	--	--
MEXICO	38	57	11	30	27
ALL OTHER	8	3	10	11	19
TOTAL EXCLUDING EUROPE	**1640**	**1315**	**1044**	**1249**	**1439**
GRAND TOTAL	**2596**	**2099**	**2237**	**2144**	**2959**

TABLE 7: IMPORTS OF MAN-MADE FIBERS

COUNTRY	1980	1981	1982	1983	1984
AUSTRIA	1438	4951	4975	3661	3410
BELGIUM	52	2633	2464	1899	2965
DENMARK	2	234	522	1065	529
FINLAND	130	119	190	142	233
FRANCE	1477	9526	10974	12778	11524
GERMAN DEM. REP.	0	0	103	3	0
GERMANY, FED. REP. OF	17649	33850	25751	34307	62715
GREECE	30	379	0	+	3
IRELAND	182	430	549	86	102
ITALY	2168	11694	9735	18476	28047
MALTA	105	0	0	0	0
NETHERLANDS	2955	8058	2885	7609	5396
POLAND	65	414	36	0	19
PORTUGAL	168	161	204	56	306
ROMANIA	1810	2174	2801	4669	5946
SPAIN	240	764	875	2531	2540
SWEDEN	2963	2724	4626	3639	4733
SWITZERLAND	438	479	944	2192	1728
UNITED KINGDOM	11886	12392	7874	26728	31335
OTHER EUROPE	44	22	87	513	3282
TOTAL EUROPE ABOVE	**43802**	**91004**	**75595**	**120354**	**164813**
AUSTRALIA	488	1628	2408	1965	1055
BANGLADESH	0	0	174	0	0
CHINA, P.R.O.	35	708	1768	1744	3019
EGYPT	2	333	0	0	41
HONG KONG	15	172	359	334	174
INDONESIA	0	505	386	1007	1166
IRAN	0	0	0	0	0
ISRAEL	1373	1071	1025	2014	2913
JAPAN	27641	31453	31467	51231	55923
KOREA, REPUBLIC OF	767	830	874	5081	1614
MALAYSIA	369	818	1138	1600	1401
NEW ZEALAND	121	169	17	0	13
PHILIPPINES	2456	2431	1477	2183	858
SINGAPORE	961	1221	1386	1422	1238
SOUTH AFRICA	1880	1410	1691	2930	5090
TAIWAN	14076	9556	11542	10281	14615
THAILAND	603	342	675	1022	1077
ARGENTINA	311	41	329	298	429
BRAZIL	28	41	775	2222	5839
CANADA	22868	35120	24300	35599	59076
COSTA RICA	5	106	225	1210	3225
MEXICO	5490	19443	18603	40107	43986
PERU	0	0	0	0	20
VENEZUELA	1295	40	0	74	82
ALL OTHER	198	112	203	96	214
TOTAL OTHER ABOVE	**80982**	**107550**	**100822**	**162420**	**203068**
TOTAL ABOVE	**124784**	**198554**	**176417**	**282774**	**367881**
PRODUCTS NOT DETAILED	7288	10536	8010	8952	24377
GRAND TOTAL	**132072**	**209090**	**184427**	**291726**	**392258**

NOTE: Imports of man-made fiber apparel by country of origin are shown on page 66.

The three section totals on this page agree with the corresponding data on pages 64 and 72 of this issue.

The by country data in the "Imports of Man-Made Fiber" table above include singles, monofilaments and strips (see page 33 of the February 1985 and the corresponding pages of earlier February *Organon* issues), plied filament yarn, staple, grouped filaments, waste, spun yarns and textile glass fiber. The "products not detailed" in the above table comprise other yarns - NES, handwork yarns and sewing thread and sliver, tops and roving.

TABLE 8: U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	2585	357	402	239	129	3574	594	655	502	337
OTHER[b]	310.0026	24130	23914	21618	15496	8614	28135	27329	24490	16908	10051
MONOFILAMENTS	309.0110	149	90	15	43	12	343	212	90	135	66
STRIPS	309.2210	66	346	105	40	79	61	273	96	56	85
SUBTOTAL ABOVE		**26930**	**24707**	**22140**	**15818**	**8834**	**32113**	**28408**	**25331**	**17601**	**10539**
STAPLE+TOW - RAYON	309.4222	64817	55156	63371	40118	53882	44031	39032	41063	27427	37688
STAPLE - ACETATE	309.4219	6255	7004	3642	3093	2090	6145	4323	3277	2677	2337
SUBTOTAL ABOVE		**71072**	**62160**	**67013**	**43211**	**55972**	**50176**	**43355**	**44340**	**30104**	**40025**
WASTE, ADVANCED & NOT ADVANCED	**309.7400**	**6090**	**2799**	**3193**	**1363**	**1632**	**2872**	**1358**	**1397**	**527**	**1062**
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	53773	69600	39429	40008	32268	72940	107096	62179	58366	50916
- HIGH TENACITY[c]	310.0027	57804	57400	48396	55606	66732	63637	72569	57259	65096	62515
- OTHER	310.0029	24967	19424	11789	15580	13155	42082	37980	23987	33591	28217
POLYESTER - TEXTURED	310.0010	114910	236152	182935	64040	79753	141835	286022	227816	80399	93889
- HIGH TENACITY[c]	310.0032	23202	23440	13752	12237	9156	27660	31474	17846	15553	11064
- OTHER[d]	310.0034	7493	11759	10179	3713	5968	8793	13226	10221	6518	8371
OTHER - TEXTURED	310.0014	19005	11751	15652	12631	7673	23056	15085	19147	16139	12040
- OLEFIN	310.0040	2520	2603	1124	806	340	2999	3312	1643	1259	485
- OTHER	310.0044	5265	5231	3891	3610	5261	18734	21738	19335	20983	26909
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	15307	7786	4424	2350	2848	30834	20698	14193	10009	10435
POLYESTER[e]	309.0140	18985	7163	4242	2925	3794	21987	11903	8662	7292	10141
OTHER	309.0170	8665	6560	8185	9930	11047	28813	23244	28295	19101	22912
STRIPS	309.2220 & .2270	3427	4555	2366	3242	4460	5181	6635	4642	5402	11398
SUBTOTAL ABOVE		**355323**	**463424**	**346364**	**226678**	**242455**	**488551**	**650982**	**495225**	**339708**	**349292**
STAPLE - NYLON	309.4240	29306	27556	15374	13518	14904	30141	33825	19751	17857	21685
- POLYESTER	309.4242	447290	522681	189584	101255	178903	285737	361110	134073	68307	116843
- ACRYLIC	309.4245	145172	156661	126617	114385	162285	103264	114359	91350	78572	114377
- OLEFIN	309.4246	3275	1758	7616	3698	4368	2371	1491	3663	2746	4088
- OTHER	309.4247	17751	18033	15410	11974	8555	25654	31381	29336	28331	30566
GROUPED FILAMENTS											
NYLON	309.3220	7282	4561	4966	3425	3048	11747	9625	11281	8766	8947
POLYESTER[e]	309.3240	54880	26777	28133	28890	23693	50247	28444	28075	25808	20749
ACRYLIC	309.3250 & .3255	27517	32655	23322	34621	33307	20408	25940	19341	28101	27202
SUBTOTAL ABOVE		**732473**	**790682**	**411022**	**311766**	**429563**	**529569**	**606175**	**336870**	**258488**	**344457**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	14520	13938	11806	11841	12465	9050	8903	7648	6093	6494
POLYESTER	309.7630	61153	54117	50903	40473	57371	25592	20814	21091	16090	22417
ACRYLIC	309.7640	2352	4795	1713	2025	4620	801	1552	610	773	1365
OTHER	309.7660	38395	34415	21654	16942	15203	13965	13433	10206	6583	6385
SUBTOTAL ABOVE		**116420**	**107265**	**86076**	**71281**	**89659**	**49408**	**44702**	**39555**	**29539**	**30661**
TOTAL MAN-MADE FIBER ABOVE		**1308308**	**1451037**	**935808**	**670117**	**828115**	**1152689**	**1374980**	**942718**	**675967**	**782036**
TEXTILE GLASS FIBER	309.2700 & .9700	54407	38934	43714	39413	58101	54269	41642	39861	29553	56385
GRAND TOTAL ABOVE		**1362715**	**1489971**	**979522**	**709530**	**886216**	**1206958**	**1416622**	**982579**	**705520**	**838421**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 9: SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

COUNTRY	A. CELLULOSIC YARN, MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
CANADA	1630	1446	2178	2576	31952	19232	52411	35646	6643	5783	13345	15111	1053	364	911	465	72168	63903	58979	56002
COSTA RICA	44	32	67	45	1231	2813	1509	3917	470	547	522	318	40	74	29	50	5676	5203	5799	4539
DOMINICAN REP.	29	5	38	7	2681	1275	3023	1185	98	68	128	72	39	0	33	0	429	466	281	308
EL SALVADOR	2	7	4	12	2759	3444	4783	5149	558	437	1109	1184	347	35	282	42	9248	6639	7774	5332
GUATEMALA	34	0	40	0	1876	2328	7786	2592	213	239	185	299	300	44	198	34	4989	3181	3513	2318
HAITI	2	0	2	0	726	465	839	630	773	710	1046	948	0	0	0	0	32	33	37	31
HONDURAS	2	34	6	53	1035	478	1267	930	8	137	32	257	+	0	1	1	1985	2162	1524	1352
JAMAICA	0	1	0	5	354	218	634	483	27	7	66	33	2	44	12	35	31	34	64	176
LEEWARD & WINDWARD IS.	0	0	0	0	157	65	253	36	10	1	13	2	0	10	0	12	2	7	3	5
MEXICO	23	22	49	67	350	485	690	1177	641	1845	3129	4906	5999	9441	4043	5206	1686	2010	1704	2377
NICARAGUA	0	0	0	0	+	0	1	0	+	1	5	9	0	0	0	0	7	0	8	0
PANAMA	0	0	0	0	52	31	100	83	12	101	27	451	0	0	0	0	108	50	472	106
TRINIDAD	0	0	0	0	120	69	379	286	39	16	124	49	+	1	1	1	17	3	62	20
OTHER	+	2	2	6	2	26	5	81	11	19	27	33	+	+	1	1	13	48	69	141
NORTH AMERICA	**1766**	**1549**	**2386**	**2771**	**43295**	**30929**	**73680**	**52195**	**9503**	**9911**	**19828**	**23672**	**7780**	**10013**	**5511**	**5847**	**96391**	**83742**	**80289**	**72707**
ARGENTINA	197	92	282	158	3125	3596	3129	3637	481	1088	831	1705	286	707	178	471	7493	13272	5314	7884
BOLIVIA	22	0	34	0	9	72	39	307	21	1	33	14	0	0	0	0	615	172	468	178
BRAZIL	1	+	3	1	956	1752	1704	3225	754	1152	1849	2449	6	15	8	15	253	171	464	666
CHILE	56	10	78	21	194	281	284	557	206	65	463	365	3002	2041	2362	1745	4197	9250	4497	6884
COLOMBIA	160	11	180	18	1388	2436	2193	3352	372	603	2276	4069	3048	4921	1750	3073	4675	15187	3802	10582
ECUADOR	769	266	1036	453	671	563	1007	542	224	46	469	179	826	264	565	159	5789	7177	4096	5126
PARAGUAY	6	0	6	0	26	2	19	4	0	0	0	0	0	0	0	0	0	0	0	0
PERU	3	2	14	4	260	127	366	183	137	130	304	286	577	1	456	631	965	1369	655	873
URUGUAY	0	0	0	0	354	170	1255	489	1	7	6	38	13	844	10	3	143	756	165	589
VENEZUELA	66	9	140	44	1295	1866	2807	3471	219	309	666	1268	8905	19548	7398	15438	1222	2822	1093	3661
OTHER	+	0	+	0	6	0	22	0	18	0	20	0	2	0	3	0	2	+	4	2
SOUTH AMERICA	**1280**	**390**	**1773**	**699**	**8284**	**10865**	**12825**	**15767**	**2433**	**3401**	**6917**	**10373**	**16665**	**28341**	**12730**	**21535**	**25354**	**50176**	**20558**	**36445**
BELGIUM/LUX.	7513	2308	5854	1044	16988	13737	29028	30043	15316	10909	21761	15940	21	812	22	627	13314	14455	22782	26469
DENMARK	0	0	0	0	232	87	230	94	0	20	0	25	17	15	14	18	3674	1737	3224	1530
FRANCE	20	1	15	3	2619	2384	9215	10894	361	136	1208	927	166	251	300	387	536	579	806	867
GERMANY, FED. REP. OF	146	258	262	412	1119	1337	2376	3457	1205	763	2104	1570	341	211	548	399	895	1587	1996	2156
GREECE	7	0	38	0	235	16	374	23	36	27	183	151	33	0	6	0	288	459	2691	399
IRELAND	0	0	0	0	3989	1728	6647	3074	70	80	166	135	0	113	0	20	484	396	874	657
ITALY	+	0	1	0	1454	936	925	518	3417	5070	1494	1690	63	353	71	96	758	972	757	733
NETHERLANDS	0	0	0	0	1039	976	1101	1189	162	116	393	428	18	50	20	46	1676	3750	1832	4340
UNITED KINGDOM	62	1	62	3	3874	4545	7120	7114	4014	4760	5559	6176	353	266	478	492	3524	2551	3670	3905
AUSTRIA	0	0	0	0	29	20	47	71	11	90	35	246	4	19	6	25	43	16	63	16
CZECHOSLOVAKIA	0	0	0	0	0	0	0	0	150	203	587	645	0	0	0	0	0	0	0	0
FINLAND	0	0	0	0	188	19	265	76	386	478	408	467	2	36	2	12	2921	418	2127	279
GERMAN DEM. REP.	0	0	0	0	84	19	230	54	0	0	0	0	0	0	0	0	447	242	242	197
HUNGARY	0	+	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ICELAND	0	0	0	0	1	0	3	0	0	1	0	8	0	0	0	0	0	164	0	156
NORWAY	+	0	1	0	113	6	129	12	41	2	51	3	46	60	63	89	127	111	78	105
POLAND	53	96	89	138	219	202	116	118	3674	2334	3410	2215	0	0	0	0	4421	11441	2544	7350
PORTUGAL	0	0	0	0	439	1066	494	1234	8	6	42	25	2	0	2	0	101	1	99	5
SPAIN	0	0	0	0	361	0	288	8	2629	2336	2776	3098	96	60	80	19	2771	1563	2279	1064
SWEDEN	0	0	0	0	223	341	229	475	1198	2072	1392	1327	27	31	34	43	903	417	1251	865
SWITZERLAND	6	0	10	0	281	18	543	90	42	83	177	198	15	13	20	24	1074	50	1164	201
TURKEY	4	0	5	0	4329	561	3640	640	20338	29301	26021	23921	0	0	0	0	3801	97	2997	125
USSR	1374	0	1590	0	0	0	0	0	0	0	0	0	11178	11217	6176	6563	0	0	0	0
YUGOSLAVIA	0	0	0	0	0	0	0	0	+	212	2	175	0	0	0	0	396	0	346	0
OTHER	109	0	135	0	7	0	44	0	0	0	0	0	219	0	269	0	220	+	205	1
EUROPE	**9294**	**2664**	**8062**	**1601**	**37823**	**28000**	**63044**	**59184**	**53058**	**58999**	**67769**	**59370**	**12601**	**13507**	**8111**	**8860**	**42374**	**41006**	**52027**	**51420**

See footnotes below.

TABLE 10: SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(Continued)*

COUNTRY	A. CELLULOSIC YARN, MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
AUSTRALIA	2216	1424	3478	3008	5082	5136	11066	10857	1559	1591	3281	3327	322	178	569	285	4941	4812	7644	7250
BANGLADESH	0	0	0	0	220	45	100	20	0	0	0	0	0	0	0	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	0	1	0	1	13014	35699	13233	37184	34	860	93	1240	0	0	0	0	42424	127798	24483	79305
HONG KONG	4	41	8	52	574	520	753	941	204	177	863	613	2	2	5	7	1805	8115	1377	5189
INDIA	14	46	16	53	230	126	255	304	2017	2389	1982	2308	433	7	222	3	245	1476	185	99
INDONESIA	36	0	75	0	288	305	724	911	+	170	1	206	575	15	297	19	90	630	103	1520
IRAQ	0	0	0	0	1308	6	1212	19	0	0	0	0	0	0	0	0	0	0	0	0
ISRAEL	1	2	4	7	3829	2787	3700	2531	5832	5869	5280	4896	3	6	5	9	1316	2040	900	1360
JAPAN	5	1	22	3	1564	2101	3160	6025	9033	9061	12016	11762	193	187	244	249	2913	3251	3780	6391
JORDAN	0	0	0	0	228	227	170	199	6	0	12	3	0	0	0	0	+	0	2	0
KOREA, REP. OF	491	407	592	486	1022	349	1506	704	251	479	657	952	1100	1	599	9	5133	4430	3939	3065
LEBANON	0	0	0	0	165	25	131	17	+	7	1	16	0	0	0	0	+	1	3	1
MALAYSIA	15	0	2	0	0	0	0	0	0	1	0	6	3	7	6	13	45	575	42	884
NEW ZEALAND	67	5	126	16	612	1319	1241	2865	301	557	645	1178	271	7	206	17	243	385	461	1044
PAKISTAN	0	0	0	0	77	84	117	50	0	75	0	17	29	0	3	0	1	0	2	0
PHILIPPINES	16	28	36	67	262	268	881	904	163	575	355	3640	1297	2908	559	1759	5315	3496	4408	4162
SAUDI ARABIA	0	0	0	0	64	47	162	66	111	5	229	13	11	4	7	5	1	43	6	91
SINGAPORE	0	0	0	0	2	13	6	50	5	5	33	20	+	5	2	7	106	203	190	301
SYRIA	0	0	0	0	19	151	17	140	0	582	0	150	0	0	0	0	0	0	0	0
TAIWAN	13	1702	71	966	425	11343	694	11514	1299	2481	1527	2859	670	71	499	109	53660	60495	36887	40968
THAILAND	24	63	33	87	20	4	64	12	13	2	53	9	0	0	0	0	782	1084	589	823
UNIT. ARAB EMIRATES	0	0	0	0	0	+	0	2	+	1	6	8	0	0	0	0	2	37	9	164
OTHER	3	0	4	0	122	2	251	3	39	0	53	0	0	1	0	1	28	165	15	213
ASIA & OCEANIA	**2905**	**3720**	**4467**	**4746**	**29127**	**60557**	**39443**	**75318**	**20867**	**24887**	**27087**	**33233**	**4909**	**3399**	**3223**	**2492**	**119050**	**219036**	**85025**	**152830**
ALGERIA	0	0	0	0	5372	5657	7579	6015	0	3	0	7	0	0	0	0	0	0	0	0
CAMEROON	0	0	0	0	67	127	86	246	0	0	0	0	0	0	0	0	+	287	3	229
EGYPT	4	0	7	0	5618	4056	5924	5050	0	55	0	127	915	444	199	235	7612	8555	5372	5523
KENYA	0	0	0	0	0	0	0	0	+	4	1	15	5	2	11	3	241	0	142	0
MOROCCO	33	71	40	77	29	69	13	15	7	21	3	18	0	0	0	0	0	383	0	292
MOZAMBIQUE	0	0	0	0	31	0	70	0	0	0	0	0	0	0	0	0	256	0	197	0
NIGERIA	0	0	0	0	5941	1174	7333	2402	2	50	6	166	101	0	73	0	0	631	0	455
SOUTH AFRICA	536	439	867	645	3881	2349	5461	3458	418	651	836	1411	118	99	126	90	18132	22793	12562	22099
SUDAN	0	0	0	0	1	0	2	0	0	4	0	4	0	0	0	0	217	108	164	66
TANZANIA	0	0	0	0	488	361	983	544	1	8	2	17	0	0	0	0	0	0	0	0
TUNISIA	0	0	0	0	76	110	98	373	0	0	0	0	0	0	0	0	0	90	0	61
ZAMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	28	46	66	104	+	42	2	58	0	167	0	63	2139	2757	1750	2329
OTHER	0	0	0	0	127	118	111	156	+	+	1	2	118	0	121	0	0	0	0	
AFRICA	**573**	**510**	**914**	**722**	**21659**	**14067**	**27726**	**18363**	**428**	**838**	**851**	**1825**	**1257**	**712**	**530**	**391**	**28597**	**35604**	**20190**	**31054**
GRAND TOTAL	**15818**	**8833**	**17602**	**10539**	**140188**	**14418**	**216718**	**220827**	**85289**	**98036**	**122452**	**128463**	**43212**	**55972**	**30105**	**39125**	**311766**	**429564**	**258089**	**344456**

The commodity numbers are:
A. 309.0110, .2210, 310.0006 & .0026.
B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.
C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.
D. 309.4219 & .4222.
E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

TABLE 11: U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	912	309	561	256	1571	1668	505	857	290	940
OTHER	310.0130 & .0230[a]	7380	10373	6437	7843	8245	12222	15748	10381	12365	12924
MONOFILAMENTS	309.0210 & .0610	0	4	2	24	5	0	32	10	36	20
STRIPS, $1/LB & UNDER	309.2000*	10	33	27	570	160	16	28	15	396	88
SUBTOTAL ABOVE		**8302**	**10719**	**7027**	**8693**	**9981**	**13906**	**16313**	**11263**	**13087**	**13972**
STAPLE	309.4320 & .4325	7998	14626	11939	12752	15388	5653	10348	8383	8434	10320
GROUPED FILAMENTS	309.3010 & .3110	2308	2137	1469	836	1605	5023	2211	2342	1312	2619
SUBTOTAL ABOVE		**10306**	**16763**	**13408**	**13588**	**16993**	**10676**	**12559**	**10725**	**9746**	**12939**
WASTE, ADVANCED & NOT ADVANCED	**309.6615 & .7510[b]**	**339**	**510**	**395**	**277**	**530**	**146**	**291**	**170**	**164**	**323**
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON	310.0109 & .0209	3154	3827	4744	5123	17966	4089	7103	8157	8610	26141
- POLYESTER	310.0110 & .0210	337	768	510	2182	10806	780	939	563	2403	10513
- OTHER	310.0114 & .0214	195	492	4340	7659	8939	373	895	5580	14986	10536
OTHER - NYLON	310.0149 & .0249	3572	3976	5533	14745	30192	5687	6147	7941	11994	39222
- POLYESTER	310.0150 & .0250	6672	5441	5263	13629	15698	9906	7082	7584	17705	21121
- OTHER	310.0170 & .0270[c]	1417	1595	1639	2739	2468	3149	3151	4854	6730	4139
MONOFILAMENTS	309.0200 & .0330[d]	4038	2615	1497	1737	2857	10243	6515	5053	4721	8817
STRIPS, OVER $1/LB	309.2100 & .2500*	229	220	306	553	1066	2427	1547	2069	3952	5844
SUBTOTAL ABOVE		**19614**	**18934**	**23832**	**48367**	**89992**	**36654**	**33379**	**41801**	**71101**	**126333**
STAPLE - NYLON	309.4338	1698	23576	11503	27648	38281	2365	25067	10488	23588	36579
- POLYESTER	309.4342	1344	6649	7257	21502	22890	1184	4289	4791	11912	13272
- ACRYLIC	309.4345	13296	10465	7851	13644	13541	11509	10179	6777	12052	12568
- OLEFIN	309.4346	144	1134	627	1195	2213	146	638	638	911	1630
- OTHER	309.4355	14574	10666	10853	9078	15412	9779	7798	6744	7010	11326
GROUPED FILAMENTS - NYLON	309.3030 & .3130	1022	2175	7620	19085	23129	1364	2625	11385	27142	33524
- POLYESTER	309.3040 & .3140	129	336	56	2035	7104	137	541	160	2268	6569
- ACRYLIC	309.3050 & .3150	2608	3434	4438	6642	6929	4331	7181	8313	13631	15116
- OTHER	309.3065 & .3165	753	2082	882	663	1660	1126	2965	1247	742	2371
SUBTOTAL ABOVE		**35568**	**60517**	**51087**	**101492**	**131159**	**31941**	**61283**	**50543**	**99256**	**132955**
WASTE, NOT ADVANCED											
NYLON	309.6625	11658	25255	22190	26745	31205	2899	8358	8275	11494	13876
POLYESTER	309.6630	5936	18111	11187	13004	8042	1004	3640	1944	2503	1325
ACRYLIC	309.6645	2358	2872	932	304	39	726	999	274	76	8
OTHER	309.6660	965	2969	2530	2724	4074	305	844	689	1000	2027
NOILS & GARNETTED FIBERS	309.6000 & .7000*	4	85	55	232	458	3	54	34	82	254
OTHER WASTE, ADVANCED	309.7525 - .7565	625	536	851	3080	6729	360	366	471	1219	1912
SUBTOTAL ABOVE		**21546**	**49828**	**37745**	**46089**	**50547**	**5297**	**14261**	**11687**	**16374**	**19402**
TOTAL MAN-MADE FIBER ABOVE		**95675**	**157280**	**133494**	**218506**	**299202**	**98620**	**138086**	**126189**	**209728**	**305924**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1106	0	25	2	1	1	0	41	10	4	7
- NONCELLULOSIC	310.1015[f] & .1109[e]	1378	3385	5315	8110	12223	2141	5774	7806	11709	17370
OTHER - CELLULOSIC	310.1030 & .1135[g]	97	21	146	93	173	334	108	240	351	723
- NONCELLULOSIC	310.1050 & .1070[h]	389	373	979	2054	2763	1347	763	1789	3594	4447
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	508	659	325	1091	1724	1225	1522	756	1975	2224
- OTHER	310.4015 & .4027[j]	19387	18599	22056	31487	35583	33114	32603	40264	51623	58127
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	2320	4117	3107	2955	7517	8196	12852	9649	10969	16210
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	2260	2797	2277	2654	5445	7793	10681	9170	11898	18111
SLIVER, TOPS & ROVING	309.9000	2708	3622	2626	4755	4544	2034	2801	2977	5193	4792
TEXTILE GLASS FIBER	309.2800 & .2900[k]	7350	18212	14100	20020	23083	6453	12914	10114	13878	19203
GRAND TOTAL ABOVE		**132072**	**209090**	**184427**	**291726**	**392258**	**161257**	**218145**	**208964**	**320922**	**447138**

SOURCE: U.S. Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

IMPORT UPDATE

APPAREL IMPORTS CONTINUE TO RISE

Editor's Note -- This report (pages 73-78) represents the continuing effort on the part of the Textile Economics Bureau to monitor the apparel import situation on a quarterly basis. For this report, four quarters of 1984 are covered. In addition, quarterly data for 1983 and annual data for 1980-1983 are provided for easy cross-reference.

The quarterly tables presented in this report include some estimated data. These estimated data reflect results obtained through extensive examination of primary market information and discussions with various market sources close to the import situation. As with previous import reports in the ***Textile Organon****, the annual and quarterly data are* ***subject to revision*** *as new and more complete information becomes available.*

GENERAL ANALYSIS

For the year of 1984, imports claimed nearly 43% of the U.S. apparel market. Compared to 1983-- when imports claimed nearly 35%-- the 1984 results are indicative of the U.S. apparel market becoming more import oriented.

As listed in the percent-change table on page 74, domestic output in the cotton, man-made fiber and wool sectors of the apparel market has fallen significantly, while imported textiles into these sectors have risen greatly. As seen with graph 4, apparel imports are approaching the level of domestic output.

It is not surprising to see imports gaining market share to the detriment of domestic output, for the market has over time exhibited relatively flat growth. As illustrated in graph 5, the total U.S. apparel market has grown at a rate of just 0.1%, while imports have grown at a rate of 7.6%. Under this scenario, every gain in imports translates into a reduction in domestic output.

When comparing 1983 to 1984, domestic production of cotton apparel fabric from U.S. mills declined 7-1/2%, while imports of cotton yarn, fabric and garments increased 24-1/2%.

The situation is similar for man-made fiber: domestic shipments of fiber for apparel uses declined over 12%, while imports of man-made fiber/yarn, fabric and garments increased nearly 20%.

As can be seen with graph 6, during the fourth quarter of 1984, imports claimed just over 39% of the total apparel market. This compares to the fourth quarter 1983 level of 35-1/2%. The import share for the first three quarters of 1984 were, respectively, 40.6%, 40.4% and 49.7% compared to 32.7%, 32.4% and 38.4% for the corresponding quarters of 1983.

THE QUARTER IN REVIEW

COTTON. As has been the case over time, the cotton sector of the U.S. apparel market has absorbed the brunt of imports. 1984 is no exception. In 1984, over 49% of all apparel imports were primarily cotton. This compares to the man-made fiber and wool levels of 45% and 6%, respectively.

The available supply in the cotton sector fell from the third quarter 627 million pounds to 527 million pounds in the fourth quarter, a 16% decline. The decline is in part due to seasonality, as well as high inventories in the apparel pipeline, which contributed to slackened demand for imports. Domestic output of cotton fabric improved during the quarter (growing nearly 5%), while imports fell 32%.

Although garments in the past have been the driving force behind the increased growth of cotton textile imports, imported cotton fabrics became a more significant component of the import situation in 1984. When comparing 1983 to 1984, imported cotton fabrics grew nearly 30%, and amounted to 33-1/3% of cotton textile imports, up from 32% in 1983.

MAN-MADE FIBER. During the fourth quarter quarter of 1984, domestic shipments fell to 523 million pounds, the lowest domestic shipment level for 1983-1984, but imports fell 31% to 229 million pounds, the second lowest quarterly import level for 1983-1984. As with cotton, seasonality coupled with high inventories brought about the decline in imports. In fact, the fourth quarter had the lowest level of imports for the year.

The import share of the man made fiber sector stood at just over 33% for the fourth quarter, down from the 42% for the third quarter and as compared to 33% and 34% for the second and first quarters, respectively.

As with cotton, the man made fiber sector of the U.S. apparel market has suffered from declining domestic output in the face of increasing imports. In the past, garment imports have been the dominant element in man made fiber textile imports, but in 1984 imported man made fiber fabrics became a more significant factor.

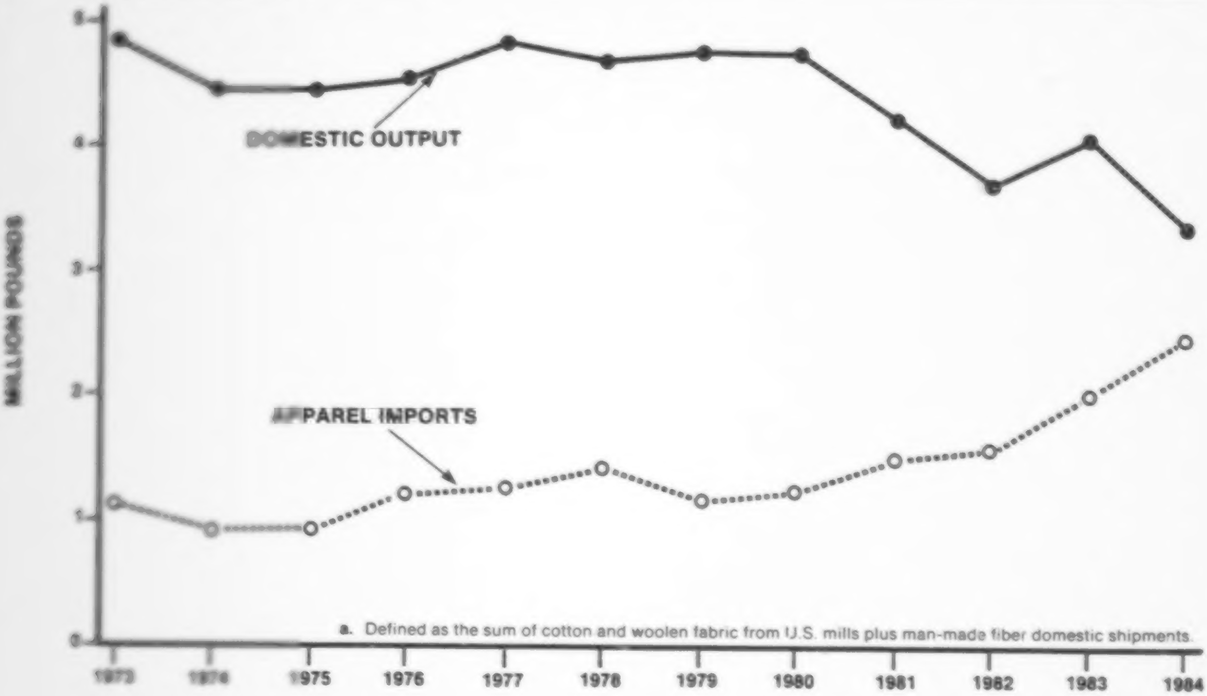
WOOL. Imports claimed a smaller share of the apparel wool sector during the fourth quarter of 1984 due to rising domestic mill production and rising imports. For fourth quarter, domestic production of woolen apparel fabric stood at 27 million pounds, 42% above the third quarter level of 19 million pounds.

Imports fell from 54 million pounds in the third quarter to 29 million pounds in the fourth quarter, a decline of 46%.

Because of the increase in domestic production by U.S. mills and the decline in the import level, imports decreased market share from 75% in the third quarter to 53% in the fourth quarter.

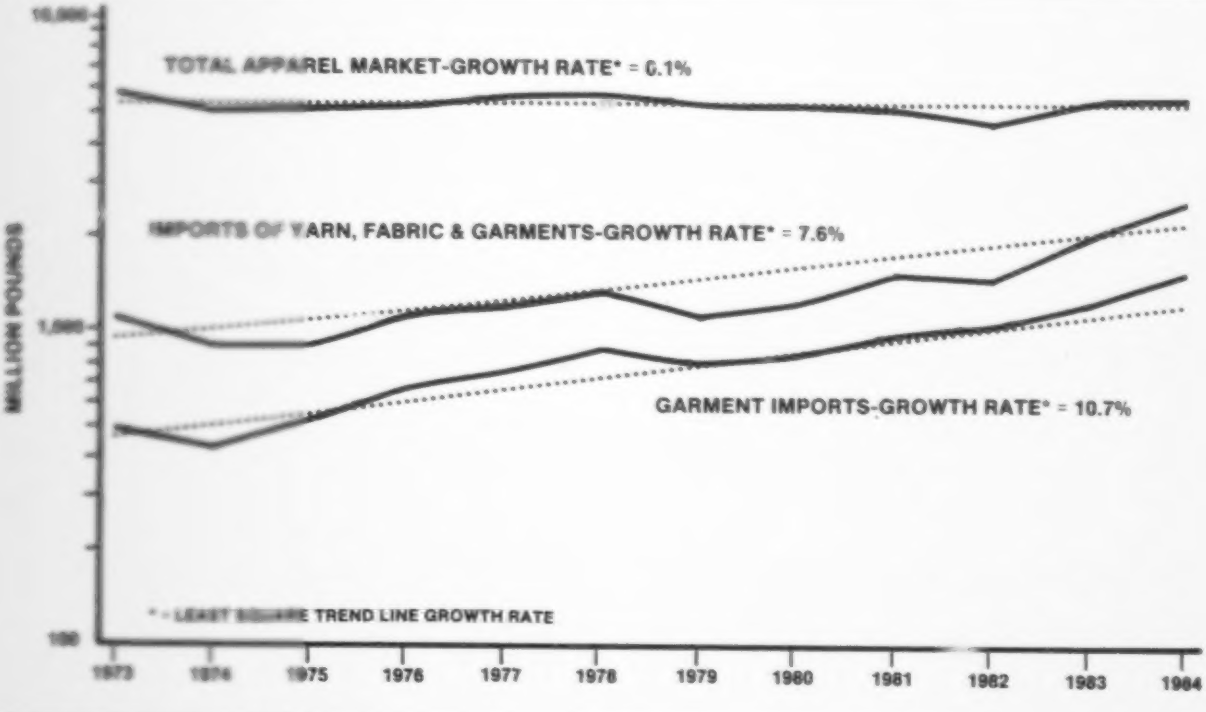
ITEM	1983			1984			% CHANGE 1983 to 1984		
	TOTAL	TOTAL IMP	% IMP TOT	TOTAL	TOTAL IMP	% IMP TOT	TOTAL	TOTAL IMP	% IMP TOT
COTTON									
IMPORTS OF YARN FOR APPAREL	42	42		52	52		+23.8	+23.8	
+IMPORTS OF FABRIC FOR APPAREL	312	312		405	405		+29.8	+29.8	
+FABRIC FROM U.S. MILLS	1387			1282			-7.6		
ORGANON END USE SURVEY-COTTON APPAREL	1741	354		1739	457		-0.1	+29.1	
+IMPORTS OF GARMENTS	623	623		759	759		+21.8	+21.8	
-EXPORTS OF GARMENTS	72			69			-4.2		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**2292**	**977**	*42.6*	**2429**	**1216**	*50.1*	**+6.0**	**+24.5**	*+7.5*
MAN-MADE FIBERS									
DOMESTIC SHIPMENTS FOR APPAREL	2580			2269			-12.1		
+IMPORTS OF FIBER/YARN FOR APPAREL	237	237		295	295		+24.5	+24.5	
+IMPORTS OF FABRIC FOR APPAREL	121	121		135	135		+11.6	+11.6	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS	184			179			-2.7		
ORGANON END USE SURVEY - MMF APPAREL	2754	358		2520	430		-8.5	+20.1	
+IMPORTS OF GARMENTS	576	576		690	690		+19.8	+19.8	
-EXPORTS OF GARMENTS	71			78			+9.9		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**3259**	**934**	*28.7*	**3132**	**1120**	*35.8*	**-3.9**	**+19.9**	*+7.1*
WOOL									
IMPORTS OF YARN FOR APPAREL	8	8		14	14		+75.0	+75.0	
+IMPORTS OF FABRIC FOR APPAREL	28	28		39	39		+39.3	+39.3	
+FABRIC FROM U.S. MILLS	117			111			-5.1		
ORGANON END USE SURVEY-WOOL APPAREL	153	36		164	53		+7.2	+47.2	
+IMPORTS OF GARMENTS	59	59		80	80		+35.6	+35.6	
-EXPORTS OF GARMENTS	3			3			—		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**209**	**95**	*45.4*	**241**	**133**	*55.2*	**+15.3**	**+40.0**	*+9.8*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**5760**	**2006**	*34.8*	**5802**	**2469**	*42.6*	**+0.7**	**+23.1**	*+7.8*

GRAPH 4: U.S. DOMESTIC OUTPUT[a] OF APPAREL VS. APPAREL IMPORTS
MILLION POUNDS



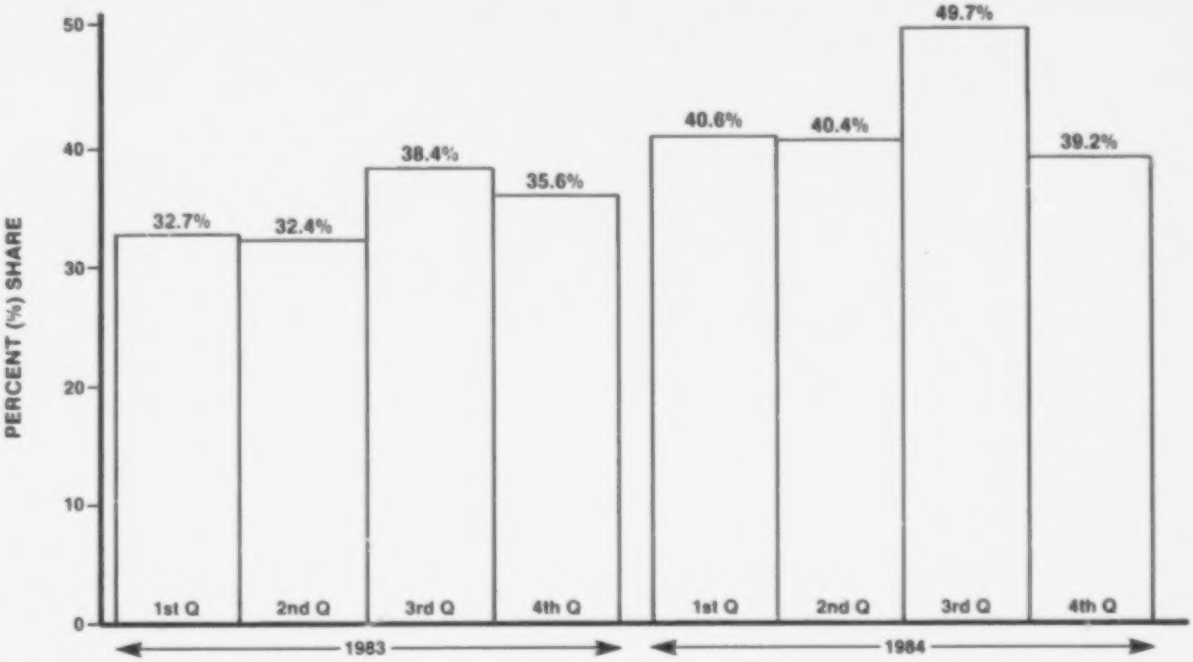
a. Defined as the sum of cotton and woolen fabric from U.S. mills plus man-made fiber domestic shipments.

GRAPH 5: U.S. APPAREL MARKET AVAILABLE-FOR-CONSUMPTION
MILLION POUNDS



* = LEAST SQUARE TREND LINE GROWTH RATE

GRAPH 6: A COMPARISON: 1983 VERSUS 1984
IMPORT SHARE OF THE U.S. APPAREL MARKET



GRAPH 7: QUARTERLY DETAIL: THREE SECTORS OF THE U.S. APPAREL MARKET

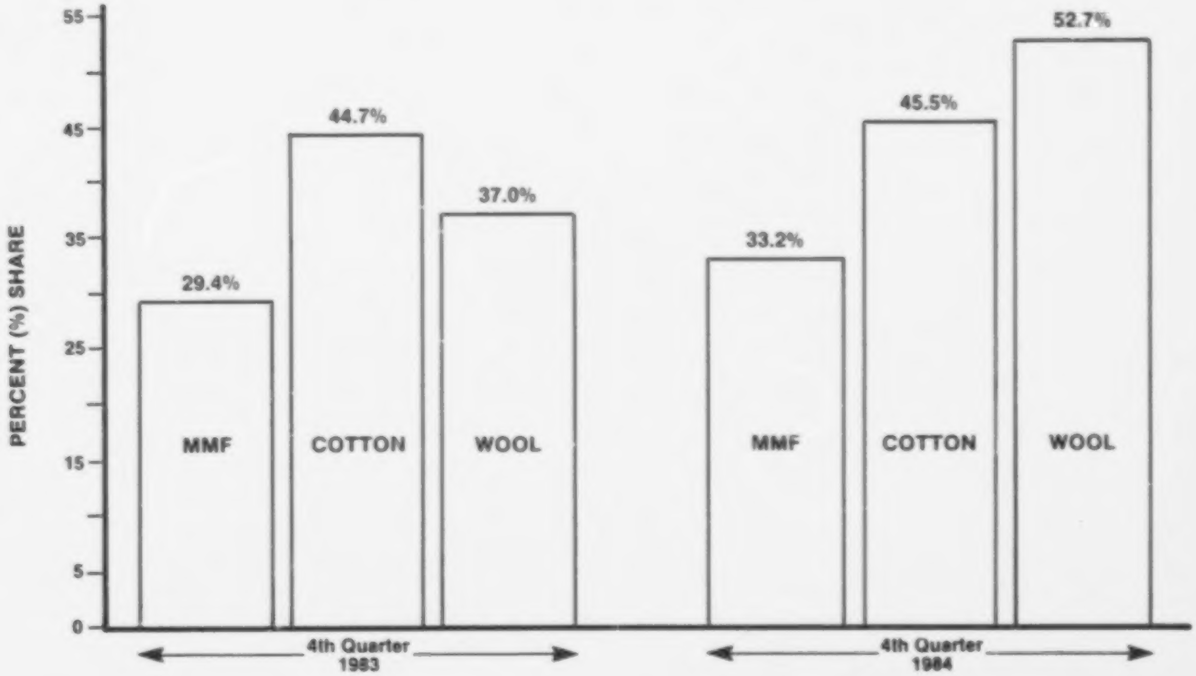


TABLE 12: ESTIMATES OF THE APPAREL MARKET IN THE U.S. AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1980			1981			1982			1983			PRELIMINARY 1984		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON															
IMPORTS OF YARN FOR APPAREL[a]	19	19		24	24		29	29		42	42		52	52	
+IMPORTS OF FABRIC FOR APPAREL[a] [b]	168	168		280	280		227	227		312	312		405	405	
+FABRIC FROM U.S. MILLS	1465			1291			1255			1307			1282		
ORGANON END USE SURVEY-COTTON APPAREL[c]	1652	187		1595	304		1511	256		1741	354		1739	457	
+IMPORTS OF GARMENTS[a]	464	464		504	504		511	511		623	623		759	759	
-EXPORTS OF GARMENTS[a]	181			123			80			72			69		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1935**	**651**	*33.6*	**1976**	**808**	*40.9*	**1942**	**767**	*39.5*	**2292**	**977**	*42.6*	**2429**	**1216**	*50.1*
MAN-MADE FIBERS															
DOMESTIC SHIPMENTS FOR APPAREL[d]	3146			2808			2369			2580			2269		
+IMPORTS OF FIBER/YARN FOR APPAREL[e]	84	84		172	172		149	149		237	237		295	295	
+IMPORTS OF FABRIC FOR APPAREL[a] [f]	73	73		90	90		90	90		121	121		135	135	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS[a]	362			319			215			184			179		
ORGANON END USE SURVEY - MMF APPAREL[c]	2951	157		2751	262		2393	239		2754	358		2520	430	
+IMPORTS OF GARMENTS[a]	379	379		437	437		487	487		576	576		690	690	
-EXPORTS OF GARMENTS[a]	127			121			75			71			78		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**3203**	**536**	*16.7*	**3067**	**699**	*22.8*	**2805**	**726**	*25.9*	**3259**	**934**	*28.7*	**3132**	**1120**	*35.8*
WOOL															
IMPORTS OF YARN FOR APPAREL[a]	4	4		5	5		8	8		8	8		14	14	
+IMPORTS OF FABRIC FOR APPAREL[a]	21	21		28	28		26	26		28	28		39	39	
+FABRIC FROM U.S. MILLS	100			115			93			117			111		
ORGANON END USE SURVEY-WOOL APPAREL[c]	125	25		148	33		127	34		153	36		164	53	
+IMPORTS OF GARMENTS[a]	42	42		42	42		46	46		59	59		80	80	
-EXPORTS OF GARMENTS[a]	5			5			3			3			3		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**162**	**67**	*41.4*	**185**	**75**	*40.5*	**170**	**80**	*47.1*	**209**	**95**	*45.4*	**241**	**133**	*55.2*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**5300**	**1254**	*23.7*	**5228**	**1582**	*30.3*	**4917**	**1573**	*32.0*	**5760**	**2006**	*34.8*	**5802**	**2469**	*42.6*

NOTE: All data are *estimated* based on the most current information available at press time, and are subject to revision.

a. See page 45 of the March 1985 ***Organon.***

b. Total cotton fabric imports less estimated poundages for nonapparel uses.

c. See page 159 of the September 1984 ***Organon*** as revised. Quarterly and year end data are estimated.

d. Domestic shipments of man-made fibers used in calculating the apparel end uses shown on page 159 of the September 1984 ***Organon.***

e. Grand Total man-made fiber imports from page 30 of the February 1985 ***Organon*** less estimated poundages for nonapparel uses.

f. Total man-made fiber fabric imports from page 45 of the March 1985 ***Organon*** less estimated poundages for nonapparel uses.

TABLE 13: ESTIMATES OF THE APPAREL MARKET IN THE U.S. AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1983												1984											
	1ST QUARTER			2ND QUARTER			3RD QUARTER			4TH QUARTER			1ST QUARTER			2ND QUARTER			3RD QUARTER			4TH QUARTER		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON																								
IMPORTS OF YARN FOR APPAREL*	8	8		8	8		12	12		14	14		19	19		15	15		12	12		6	6	
+IMPORTS OF FABRIC FOR APPAREL**	71	71		70	70		81	81		90	90		111	111		105	105		108	108		81	81	
+FABRIC FROM U.S. MILLS	350			377			338			322			366			324			289			303		
ORGANON END USE SURVEY-COTTON APPAREL*	429	79		455	78		431	93		426	104		496	130		444	120		409	120		390	87	
+IMPORTS OF GARMENTS*	152	152		154	154		176	176		141	141		197	197		175	175		234	234		153	153	
-EXPORTS OF GARMENTS*	18			17			18			19			19			18			16			16		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**563**	**231**	*41.0*	**592**	**232**	*39.2*	**589**	**269**	*45.7*	**548**	**245**	*44.7*	**674**	**327**	*48.5*	**601**	**295**	*49.1*	**627**	**354**	*56.5*	**527**	**240**	*45.5*
MAN-MADE FIBERS																								
DOMESTIC SHIPMENTS FOR APPAREL*	613			697			632			638			607			614			525			523		
+IMPORTS OF FIBER/YARN FOR APPAREL*	46	46		58	58		57	57		76	76		84	84		71	71		72	72		68	68	
+IMPORTS OF FABRIC FOR APPAREL*	26	26		33	33		32	32		30	30		32	32		36	36		40	40		27	27	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS*	47			49			44			44			43			45			46			45		
ORGANON END USE SURVEY - MMF APPAREL*	638	72		739	91		677	89		700	106		680	116		676	107		591	112		573	95	
+IMPORTS OF GARMENTS*	123	123		143	143		176	176		134	134		168	168		168	168		220	220		134	134	
-EXPORTS OF GARMENTS*	18			17			17			19			20			20			20			18		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**743**	**195**	*26.2*	**865**	**234**	*27.0*	**836**	**265**	*31.7*	**815**	**240**	*29.4*	**828**	**284**	*34.3*	**824**	**275**	*33.4*	**791**	**332**	*42.0*	**689**	**229**	*33.2*
WOOL																								
IMPORTS OF YARN FOR APPAREL*	2	2		2	2		2	2		2	2		3	3		4	4		4	4		3	3	
+IMPORTS OF FABRIC FOR APPAREL*	6	6		9	9		9	9		4	4		8	8		12	12		13	13		6	6	
+FABRIC FROM U.S. MILLS	28			29			26			34			36			29			19			27		
ORGANON END USE SURVEY-WOOL APPAREL*	36	8		40	11		37	11		40	6		47	11		45	16		36	17		36	9	
+IMPORTS OF GARMENTS*	7	7		13	13		25	25		14	14		10	10		13	13		37	37		20	20	
-EXPORTS OF GARMENTS*	*			*			3			*			1			1			1			*		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**43**	**15**	*34.9*	**53**	**24**	*45.3*	**59**	**36**	*61.0*	**54**	**20**	*37.0*	**56**	**21**	*37.5*	**57**	**29**	*50.9*	**72**	**54**	*75.0*	**56**	**29**	*51.8*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**1349**	**441**	*32.7*	**1510**	**490**	*32.4*	**1484**	**570**	*38.4*	**1417**	**505**	*35.6*	**1558**	**632**	*40.6*	**1482**	**599**	*40.4*	**1490**	**740**	*49.7*	**1272**	**498**	*39.2*

See footnotes on page 77.

MAN-MADE FIBER TRADE BALANCE FALLS SHARPLY

The U.S. man-made fiber balance of trade fell sharply in February, as the net-export balance of trade fell to 26.1 million pounds, down from the 64.0 million-pound export balance in January.

Falling exports coupled with rising imports caused the decline in the trade balance. Imports of fiber totaled 26.5 million pounds, up over 11% from January's level of 23.8 million pounds. February exports of fiber totaled 52.6 million pounds, down over 40% from 87.8 million pounds in January.

The February trade balance is over 16% below that of February 1984. This month's exports are nearly 9% lower than last February's level, while imports are ½% below last February's level.

FEBRUARY DETAIL

The net-export trade balance in noncellulosic staple+tow plummeted 63% in February to 16.6 million pounds and the net-export balance in noncellulosic yarn+monofilaments fell 16% to 12.2 million pounds.

The noncellulosic staple+tow balance of trade slid in February as exports fell 49%, while imports rose over 13%.

The balance of trade for noncellulosic yarn fell in February as a result of declining levels of imports and exports. Imports fell 6½%, while exports fell nearly 13%.

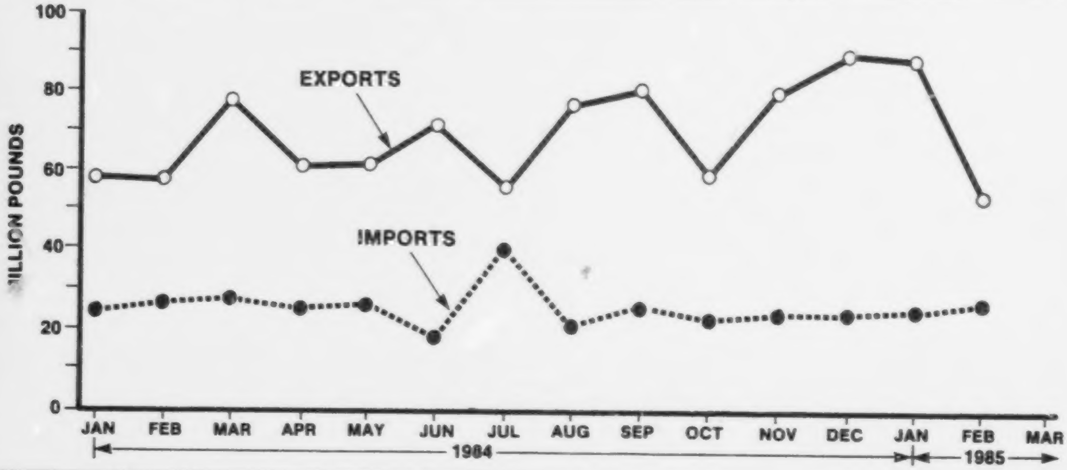
Products to note in February --

- Polyester staple+tow. Exports fell over 57%.
- Acrylic staple+tow. Exports fell nearly 43%.
- Nylon waste. Imports rose nearly 39%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as the changes are implemented the manufactures trade data will again appear in the ORGANON.

GRAPH 8: IMPORTS VERSUS EXPORTS OF MAN-MADE FIBER
MILLION POUNDS



GRAPH 9: MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

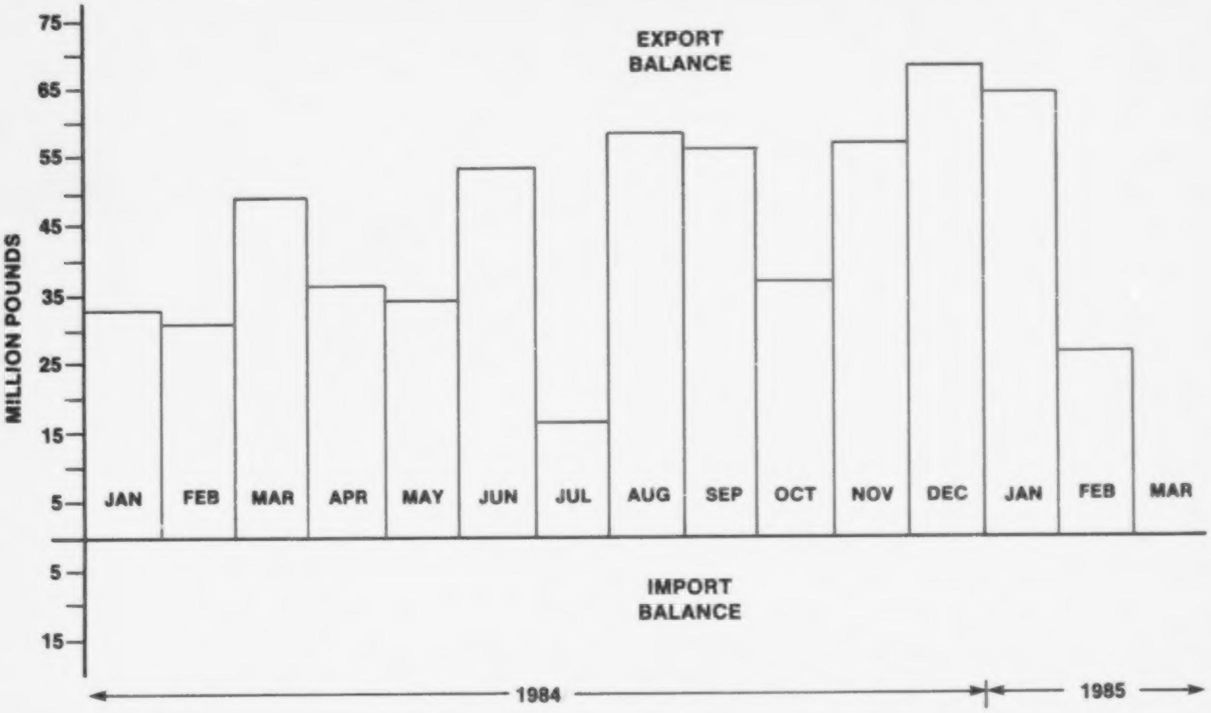


TABLE 14: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984												1985	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
CELLULOSIC YARN+MONOFILAMENTS	0.3 E	1.7 E	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I
CELLULOSIC STAPLE+TOW	1.3 E	2.4 E	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E
NONCELLULOSIC YARN+MONOFILAMENTS	10.2 E	11.3 E	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E
NONCELLULOSIC STAPLE+TOW	20.1 E	16.4 E	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E
CELLULOSIC WASTE	0.1 E	0	0.6 E	+	0.1 E	+	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E	+	+
NONCELLULOSIC WASTE	1.8 E	0.7 I	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I
TOTAL	33.8 E	31.1 E	49.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.6 E	55.9 E	36.6 E	56.7 E	67.0 E	64.0 E	26.1 E

I means net-import balance.
E means net-export balance.

TABLE 15: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985						YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUNE	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	120	131					251	54
MEXICO	33	40					73	283
FRANCE	27	0					27	0
GERMANY, FED. REP. OF	686	424					1110	1041
NETHERLANDS	77	76					153	68
JAPAN	96	73					169	160
REP. OF KOREA	0	0					0	60
ALL OTHER COUNTRIES[a]	71	60					131	61
TOTAL CELL. YARN	**1110**	**804**					**1914**	**1727**
CELLULOSIC STAPLE+TOW								
CANADA	788	662					1450	1687
AUSTRIA	62	88					150	460
SWEDEN	314	368					682	596
UNITED KINGDOM	162	268					430	306
JAPAN	20	32					52	163
ALL OTHER COUNTRIES[b]	35	0					35	34
TOT. CELL. STAP. & TOW	**1381**	**1418**					**2799**	**3246**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	962	716					1678	2751
COSTA RICA	0	0					0	0
MEXICO	624	588					1212	3113
AUSTRIA	83	109					192	76
BELGIUM	205	0					205	61
FRANCE	682	441					1123	446
GERMANY, FED. REP. OF	1676	1879					3555	1943
ITALY	1528	911					2439	768
NETHERLANDS	93	1					94	149
SPAIN	1	0					1	320
SWITZERLAND	35	26					61	118
UNITED KINGDOM	591	612					1203	620
ISRAEL	78	274					352	183
JAPAN	584	793					1377	2469
REP. OF KOREA	3	1					4	97
TAIWAN	9	1					10	122
ROMANIA	88	0					88	165
SOUTH AFRICA	286	209					495	910
ALL OTHER COUNTRIES[c]	242	744					986	162
TOTAL N.C. YARN	**7770**	**7305**					**15075**	**14473**
NONCELLULOSIC STAPLE+TOW								
BRAZIL	278	415					693	252
CANADA	1640	2153					3793	2130
COSTA RICA	86	330					416	509
MEXICO	1111	433					1544	5029
BELGIUM	127	85					212	93
FRANCE	920	1032					1952	990
GERMANY, FED. REP. OF	1656	1970					3626	3552
ITALY	527	411					938	1973
NETHERLANDS	74	27					101	228
SWITZERLAND	18	146					164	22
UNITED KINGDOM	740	1287					2027	2366
ISRAEL	0	1					1	73
JAPAN	1154	1247					2401	2260
REP. OF KOREA	37	170					207	40
TAIWAN	1301	1033					2334	1297
ROMANIA	83	88					171	236
SOUTH AFRICA	49	131					180	213
ALL OTHER COUNTRIES[d]	43	101					144	254
TOTAL N.C. STAPLE	**9844**	**11060**					**20904**	**21517**

+ Means a nominal poundage.

Other countries supplying 1985 poundages are:

a. Brazil 130, and People's Republic of China 1.

b. Federal Republic of Germany 34, and Netherlands 1.

c. Australia 20, Belgium 454, German Dem. Rep. 14, Hong Kong +, Iran 31, Ireland 3, Norway 71, Singapore 7, Sweden 42, Turkey 17, and Yugoslavia 327

d. Australia 82, Denmark 42, Spain 1, Sweden 18, and Turkey 1.

TABLE 16: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985						YEAR TO DATE	
		JAN	FEB	MAR	APR	MAY	JUN	1985	1984
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0	0					0	0
OTHER	310.0130 & .0230[a]	1105	751					1856	1721
MONOFILAMENTS	309.0310 & .0610	0	17					17	0
STRIPS, $1/LB & UNDER	309.2000*	5	36					41	6
SUBTOTAL ABOVE		**1110**	**804**					**1914**	**1727**
STAPLE	309.4320 & .4325	1319	1255					2574	3000
GROUPED FILAMENTS	309.3010 & .3110	62	163					225	246
SUBTOTAL ABOVE		**1381**	**1418**					**2799**	**3246**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510[b]	**96**	**73**					**169**	**109**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	2115	1670					3785	2635
- POLYESTER	310.0110 & .0210	654	758					1412	1988
- OTHER	310.0114 & .0214	1157	1238					2395	1255
OTHER - NYLON	310.0149 & .0249	2037	1819					3856	4243
- POLYESTER	310.0150 & .0250	1336	1326					2662	2986
- OTHER	310.0170 & .0270[c]	179	243					422	476
MONOFILAMENTS	309.0200 & .0330[d]	240	133					373	708
STRIPS, OVER $1/LB	309.2100 & .2500*	52	118					170	182
SUBTOTAL ABOVE		**7770**	**7305**					**15075**	**14473**
STAPLE - NYLON	309.4338	2329	1897					4226	4955
- POLYESTER	309.4342	1623	2018					3641	5604
- ACRYLIC	309.4345	1392	967					2359	2338
- OLEFIN	309.4346	38	169					207	401
- OTHER	309.4355	1838	1645					3483	2078
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	1742	3045					4787	3875
POLYESTER	309.3040 & .3140	372	335					707	820
ACRYLIC	309.3050 & .3150	440	832					1272	1184
OTHER	309.3065 & .3165	70	152					222	262
SUBTOTAL ABOVE		**9844**	**11060**					**20904**	**21517**
WASTE, NOT ADVANCED									
- NYLON	309.6625	3094	4321					7415	7157
- POLYESTER	309.6630	445	950					1395	1444
- ACRYLIC	309.6645	+	0					+	38
- OTHER	309.6660	12	197					209	352
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0	0					0	118
OTHER WASTE, ADVANCED	309.7525 - 7555	44	368					412	405
SUBTOTAL ABOVE		**3595**	**5836**					**9431**	**9514**
TOTAL MAN-MADE ABOVE		**23796**	**26496**					**50292**	**50586**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0	0					0	+
- NONCELLULOSIC	310.1015* & .1109[f]	1106	665					1771	2313
OTHER - CELLULOSIC	310.1030 & .1135[g]	48	18					66	14
- NONCELLULOSIC	310.1050 & .1070[h]	346	503					849	230
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	83	143					226	156
- OTHER	310.4015 & .4027[j]	2643	1623					4266	3799
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	682	296					978	233
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	451	462					913	660
SLIVER, TOPS & ROVING	309.9000	205	241					446	1345
TEXTILE GLASS FIBER	309.2800 & .2900[k]	2454	1496					3950	5028
GRAND TOTAL ABOVE		**31814**	**31943**					**63757**	**64364**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 17: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985												YEAR-TO-DATE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1985	1984
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0	4											4	11
OTHER[b]	310.0026	811	117											928	3693
MONOFILAMENTS	309.0110	0	0											0	2
STRIPS	309.2210	0	7											7	56
SUBTOTAL ABOVE		**811**	**128**											**939**	**3762**
STAPLE+TOW-RAYON	309.4222	2925	2042											4967	6367
STAPLE-ACETATE	309.4219	12	133											145	536
SUBTOTAL ABOVE		**2937**	**2175**											**5112**	**6903**
WASTE, ADVANCED & NOT ADVANCED	**309.7400**	**72**	**119**											**191**	**216**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	2478	2450											4928	7118
- HIGH TENACITY[c]	310.0027	4921	6044											10965	7135
- OTHER	310.0029	883	1002											1885	2574
POLYESTER-TEXTURED	310.0010	7465	5968											13433	10669
- HIGH TENACITY[c]	310.0027	865	795											1660	1950
- OTHER	310.0034[d]	2456	102											2560	1020
OTHER - TEXTURED	310.0014	264	588											852	996
- OLEFIN	309.0040	52	5											57	55
- OTHER	310.0044	557	572											1129	963
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	231	195											426	355
POLYESTER[e]	309.0140	667	434											1101	520
OTHER	309.0170	1060	996											2056	1906
STRIPS	309.2220 & .2270	427	339											766	692
SUBTOTAL ABOVE		**22328**	**19490**											**41818**	**35953**
STAPLE - NYLON	309.4240	1180	471											1651	2844
- POLYESTER	309.4242	23227	9880											33107	17524
- ACRYLIC	309.4245	21821	12541											34362	21766
- OLEFIN	309.4246	1039	261											1300	579
- OTHER	309.4247	755	875											1630	1579
GROUPED FILAMENTS															
NYLON	309.3220	211	95											306	783
POLYESTER[d]	309.3240	3251	1302											4553	6890
ACRYLIC	309.3250 & .3255	3372	2291											5663	6060
SUBTOTAL ABOVE		**54856**	**27716**											**82572**	**58025**
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	303	196											499	1628
- POLYESTER	309.7630	4721	2235											6956	7216
- ACRYLIC	309.7640	419	214											633	374
- OTHER	309.7660	1405	342											1747	2083
SUBTOTAL ABOVE		**6848**	**2987**											**9835**	**11301**
TOTAL MAN-MADE FIBER ABOVE		**87852**	**52615**											**140467**	**116160**
TEXTILE GLASS FIBER	309.2700 & .9700	7000	3868											10868	7285
GRAND TOTAL ABOVE		**94852**	**56483**											**151335**	**123445**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 18: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985						YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	1985	1984
	TOTAL SHIPMENTS[b]							
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**14.3**	**14.1**	**14.5**				**42.9**	**54.5**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1				96.2	90.8
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0				6.5	9.1
- CARPET	57.1	51.9	59.5				168.5	198.4
- TEXTILE	30.5	27.0	27.5				85.0	96.7
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3				76.2	78.0
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4				4.6	6.1
- TEXTILE	69.5	75.6	81.9				227.0	221.9
OLEFIN[h]	78.0	79.9	82.1				240.0	173.6
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**	**312.8**				**904.0**	**874.6**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**29.0**	**25.0**	**27.7**				**81.7**	**102.0**
NYLON[e]	70.5	60.6	64.7				195.8	216.7
ACRYLIC+MODACRYLIC	51.5	55.0	57.8				164.3	169.1
POLYESTER	162.4	169.5	175.4				507.3	547.0
OLEFIN+VINYON	21.4	23.1	23.7				68.2	57.5
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.6**				**935.6**	**990.3**
	END-OF-MONTH STOCK							
YARN+MONOFILAMENTS								
ACETATE	**13.1**	**13.3**	**14.3**				**14.3**	**13.2**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4				29.4	23.1
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1				6.1	5.7
- CARPET	68.0	69.5	71.1				71.1	60.4
- TEXTILE	43.1	45.0	47.9				47.9	37.5
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9				23.9	20.2
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8				2.8	3.8
- TEXTILE	79.7	81.6	81.2				81.2	86.4
OLEFIN[h]	62.0	64.3	64.5				64.5	60.9
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**	**326.9**				**326.9**	**298.0**
STAPLE+TOW+FIBERFILL								
RAYON	**30.3**	**31.3**	**32.4**				**32.4**	**25.3**
NYLON[e]	69.7	72.4	74.1				74.1	79.3
ACRYLIC+MODACRYLIC	76.6	75.0	76.1				76.1	75.4
POLYESTER	191.8	192.6	186.9				186.9	188.7
OLEFIN+VINYON	26.1	25.1	24.1				24.1	19.8
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**				**361.2**	**363.2**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	9.6						9.6	13.3
CARPET CLASS WOOL	0.9						0.9	0.9
TOTAL RAW WOOL	10.5						10.5	14.2
RAW COTTON	176.2	191.3					367.5	488.8

- **a.** Year-to-date totals except for stock, which is the latest month's data.
- **b.** The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
- **c.** Producers' total domestic plus export shipments.
- **d.** Rayon yarn data are available annually only; see page 43 of the March 1985 issue.
- **e.** Data for nylon exclude aramid.
- **f.** Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
- **g.** Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
- **h.** Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
- **i.** Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.
- **j.** Acetate staple+tow data are available annually only; see page 43 of the March 1985 issue.

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Textile
Organon

Vol 56, No. 5 □ May 1985

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MONTHLY REVIEW

Highlights

Textile Organon Features:

1984 Per Capita Consumption Review . . . begins on page 87.

May Capacity Survey Analysis . . . begins on page 92.

Trade Barometer . . . begins on page 96.

First Quarter Production & Shipments Results:

Production of Nylon Yarn+Monofilaments Falls to 369.8 Million Pounds . . . see page 101.

Domestic Shipments of Polyester Staple+Tow Fall to 456.3 Million Pounds . . . see page 102.

Olefin yarn+monofilament shipments set another record in April, while shipments of other key products also did well–

- *Polyester staple+tow* shipments rose to the highest level since December 1984.
- *Polyester textile yarn* shipments rose to the highest level since December 1983.
- *Nylon carpet yarn* shipments rose to the highest level since last October.
- *Nylon staple+tow* shipments rose to the highest level since January.
- *Olefin+vinyon staple+tow* shipments rose to the highest level on record.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & PERCENT

ITEM	1985			1984		YEAR TO DATE		
	APR	MAR	%[a]	APR	%[b]	1985	1984	%[c]
YARN+MONOFILAMENTS								
ACETATE	**16.0**	**14.5**	*+10.3*	**17.8**	*-10.1*	**58.9**	**72.3**	*-18.5*
NYLON[d] - INDUSTRIAL	27.6	33.1	*-16.6*	33.4	*-17.4*	123.8	124.2	*-0.3*
- LOW DENIER INDUSTRIAL	2.2	2.0	*+10.0*	2.9	*-24.1*	8.7	12.0	*-27.5*
- CARPET	69.2	59.5	*+16.3*	72.0	*-3.9*	237.7	270.4	*-12.1*
- TEXTILE	27.8	27.5	*+1.1*	32.7	*-15.0*	112.8	129.4	*-12.8*
POLYESTER - INDUSTRIAL	26.4	25.3	*+4.3*	26.4	--	102.6	104.4	*-1.7*
- LOW DENIER INDUSTRIAL	2.0	1.4	*+42.9*	2.2	*-9.1*	6.6	8.3	*-20.5*
- TEXTILE	89.6	81.9	*+9.4*	75.3	*+19.0*	316.6	297.2	*+6.5*
OLEFIN	86.0	82.1	*+4.8*	58.3	*+47.5*	326.0	231.9	*+40.6*
TOTAL NONCELLULOSIC ABOVE	**330.8**	**312.8**	*+5.8*	**303.2**	*+9.1*	**1234.8**	**1177.8**	*+4.8*
STAPLE+TOW+FIBERFILL								
RAYON	**30.0**	**27.7**	*+8.3*	**35.9**	*-16.4*	**111.7**	**137.9**	*-19.0*
NYLON[d]	67.9	65.0	*+4.5*	82.3	*-17.5*	264.0	299.0	*-11.7*
ACRYLIC+MODACRYLIC	54.9	57.8	*-5.0*	58.2	*-5.7*	219.2	227.3	*-3.6*
POLYESTER	177.6	175.4	*+1.3*	200.8	*-11.6*	684.9	747.8	*-8.4*
OLEFIN+VINYON	24.5	23.7	*+3.4*	20.2	*+21.3*	92.7	77.7	*+19.3*
TOTAL NONCELLULOSIC ABOVE	**324.9**	**321.9**	*+0.9*	**361.5**	*-10.1*	**1260.8**	**1351.8**	*-6.7*

-- Means no change.

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

MAY, 1985

A MONTHLY REVIEW

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DATAGRAM

MAY CAPACITY UTILIZATION

Total industry capacity (excluding textile glass fiber) rose to 10,372 million pounds, up ½% from the 10,335 million pounds recorded in the November 1984 Survey.

Noncellulosic staple+tow capacity increased slightly from 4,981 million pounds as of the November 1984 ORGANON Capacity Survey to 4,989 million pounds.

The noncellulosic filament yarn capacity grew from 4,509 million pounds to 4,600 million pounds, with major increases in nylon carpet and olefin.

PER CAPITA FIBER CONSUMPTION GROWS MARGINALLY FROM 1983

In 1984, the per capita consumption of all fibers (excluding non-textile glass fiber) grew slightly from 54.4 pounds to 54.9 pounds.

Man-Made Fiber per capita consumption declined to 37.0 pounds in 1984, or 1% from 1983.

Cotton consumption increased to 16.5 pounds in 1984, up 4.4% from the 1983 level of 15.8 pounds. This increase can be attributed to high quantities of cotton imports into the United States.

Wool consumption recorded a hefty gain of 16.7% in 1984 over 1983.

AVTEX TO SELL VINYON STAPLE BUSINESS TO CELANESE

Celanese Fiber Operations has acquired Avtex Fibers, Inc.'s vinyon staple fiber business, making Celanese the only domestic producer of that fiber. All viscose staple fiber production machinery and equipment will be moved to Celanese's Rock Hill, S.C. plant. Production is expected to begin in about six months. Major applications for that fiber are automotive interiors and tea bag paper. (DNR, 5/24/85)

ENKA DISCUSSES SALE OF FIBER BUSINESS

Enka has announced plans to sell all or part of its fiber business. Talks have been held with a number of firms, both foreign and domestic. Enka, a producer of rayon, nylon and polyester, has incurred high costs, because it is not vertically integrated. They are the only major fiber producer without raw materials. (DNR, 5/21/85)

1984 PER CAPITA CONSUMPTION REVIEW

Marginal Growth from 1983

Per capita consumption of all textile fibers (excluding non-textile glass fiber) grew to 54.9 pounds in 1984, a rise of ½ pound, or 1% over 1983.

In 1984, per capita consumption was at its highest level since 1978, when an average 55.9 pounds of textile fiber were consumed by each person in the United States (Table 3B). It is interesting to note that though domestic consumption of fiber reached an all-time high in 1984 of 13,059.1 million pounds, the per capita consumption of fiber was only at its fourth highest level since 1970.

Although 1984 was a relatively good year in terms of per capita consumption, industry trends tell a different story.

In the face of a rising general economy, with growth in not only per capita GNP but also population, the per capita consumption of textile fibers exhibits a steadily declining trend line (Graph 2). Since 1970, per capita GNP grew at a rate of 1.8%, while per capita textile fiber consumption declined at a rate of -0.2%.

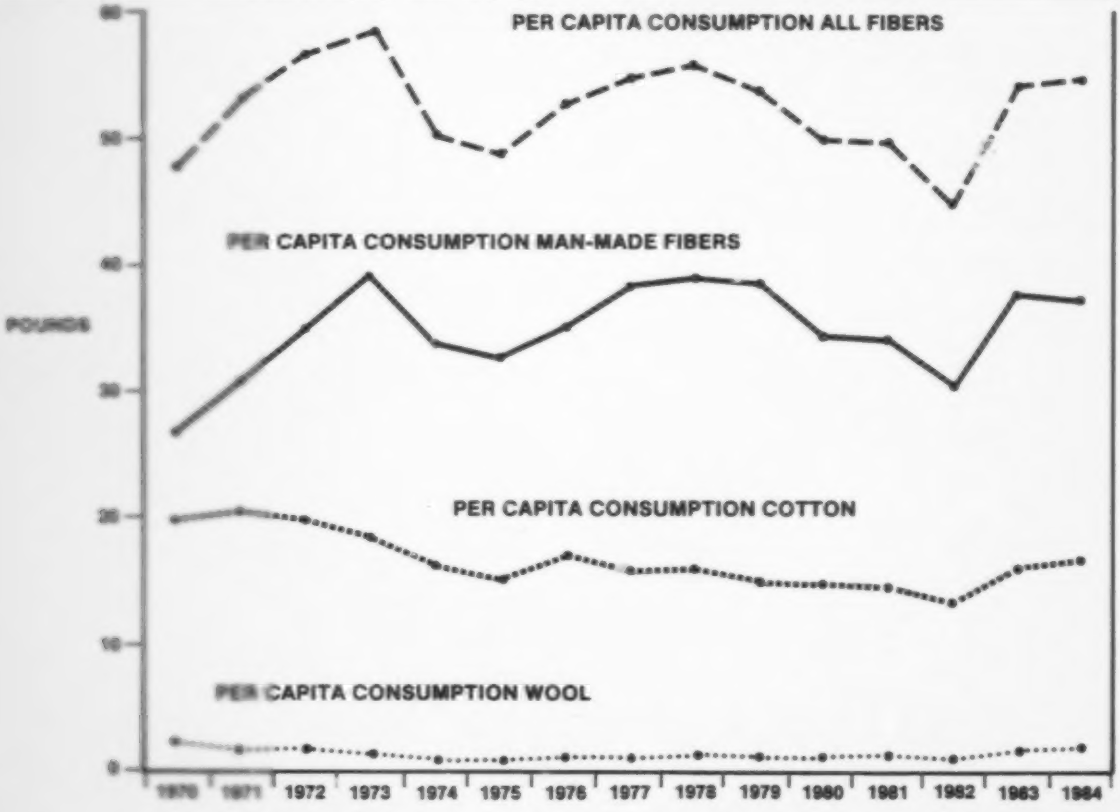
TABLE & GRAPH SUMMARY

Tables and graphs contained in this feature are described below:

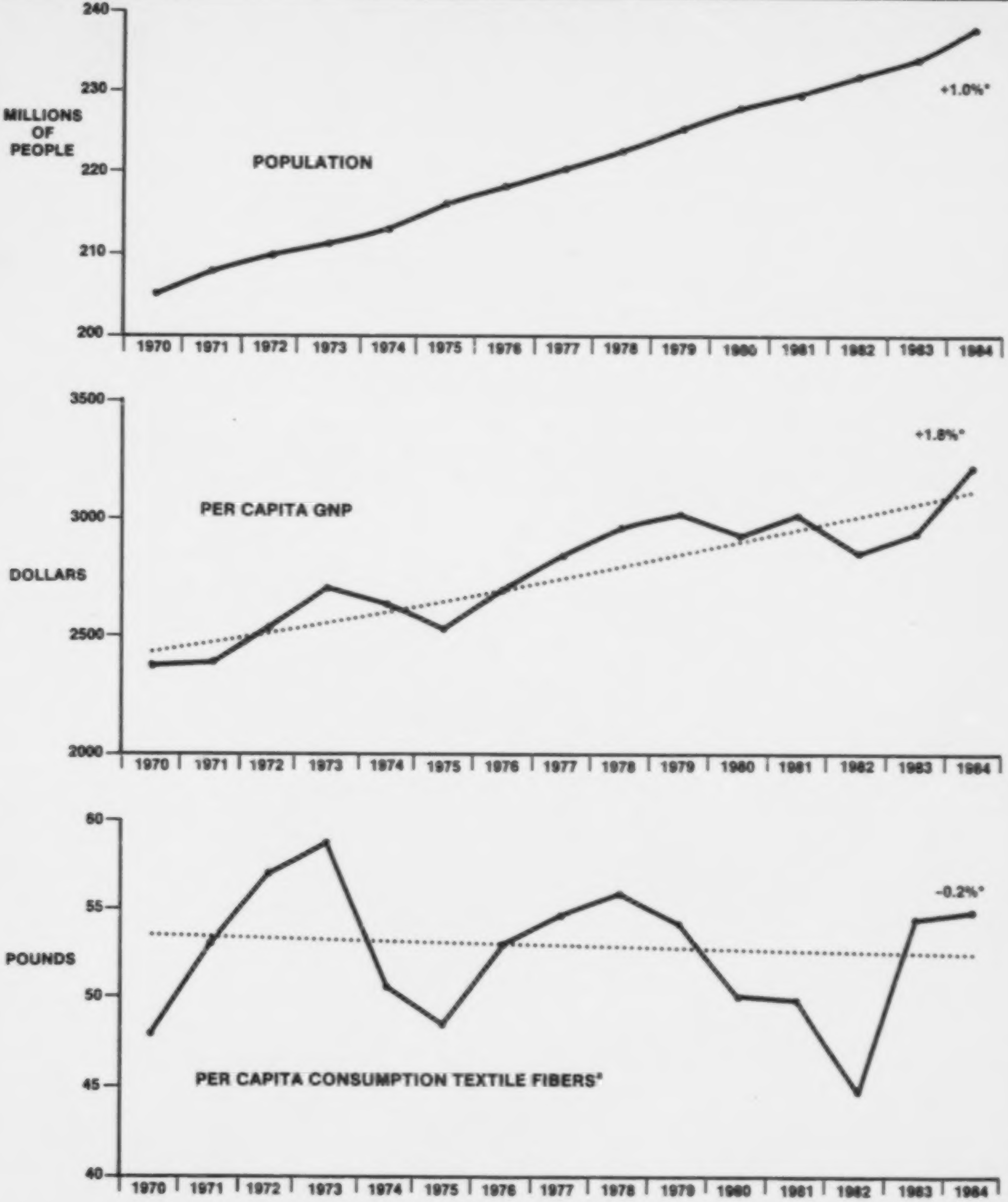
Table 2:	Per capita GNP derived by dividing GNP data by population.
Table 3A:	Per capita consumption of textile fibers including both textile and non-textile glass fiber. This table is consistant with data previously published in the *Textile Organon*.
Table 3B:	Per capita consumption of textile fibers including only textile glass fiber.
Table 4:	Summary of domestic consumption data used to calculate the per capita consumption data found in Tables 3A and 3B.
Table 5:	Summary of mill consumption of all fibers, excluding non-textile glass fiber.

Continued on page 98

GRAPH 1: PER CAPITA CONSUMPTION
(EXCLUDING NON-TEXTILE GLASS FIBER)



GRAPH 2: COMPARISON OF POPULATION, GNP & PER CAPITA CONSUMPTION OF TEXTILE FIBERS
MILLION POUNDS



a. Man-made fiber (excluding non-textile glass fiber) cotton & wool.
* Least Square Trend Line Growth Rate.

TABLE 2: U.S. POPULATION, GROSS NATIONAL PRODUCT (GOODS PRODUCED)[a] & PER CAPITA GROSS NATIONAL PRODUCT

YEAR	POPULATION[b]	GNP	PER CAPITA[c]
1970	205.1	486.9	2,374
1971	207.7	497.2	2,394
1972	209.9	529.6	2,523
1973	211.9	572.3	2,701
1974	213.9	562.5	2,630
1975	216.0	547.4	2,534
1976	218.0	587.2	2,694
1977	220.2	628.1	2,852
1978	222.6	662.0	2,974
1979	225.1	677.7	3,011
1980	227.7	668.1	2,934
1981	229.8	692.6	3,014
1982	232.0	661.6	2,852
1983	234.2	688.6	2,940
1984	237.6	764.4	3,217

Source: *Survey of Current Business, U.S. Dept. of Commerce and Economic Report to the President.*

a. In billions of 1972 dollars.
b. In millions.
c. In dollars.

TABLE 3A: U.S. AVERAGE ANNUAL FIBER AVAILABLE FOR CONSUMPTION[a] - INCLUDING TEXTILE & NON-TEXTILE GLASS FIBER

POUNDS

PERIOD[b]	POPU-LATION	PER CAPITA			
		MAN-MADE FIBER	COTTON	WOOL	TOTAL
1920-1924	110.2	0.2	23.8	4.0	28.0
1925-1929	118.9	0.7	26.0	3.6	30.3
1930-1934	124.9	1.4	20.5	2.6	24.5
1935-1939	129.1	2.7	24.9	3.4	31.0
1940-1944	135.1	4.7	35.1	4.5	44.3
1945-1949	144.2	6.6	28.0	4.8	39.4
1950-1954	157.6	9.0	26.9	3.8	39.7
1955-1959	171.9	10.3	23.7	3.0	37.0
1960-1964	186.4	12.9	22.6	3.0	38.5
1965-1969	198.6	22.9	23.0	2.5	48.4
1970-1974	209.7	35.1	18.9	1.2	55.2
1975-1979	220.4	39.5	15.6	0.9	56.0
1965	194.2	18.3	23.9	2.9	45.1
1966	196.5	20.2	25.1	2.7	48.0
1967	198.7	21.4	23.5	2.2	47.1
1968	200.7	26.7	21.9	2.4	51.0
1969	202.7	27.9	20.9	2.2	51.0
1970	205.1	27.7	19.7	1.7	49.1
1971	207.7	32.9	20.4	1.3	54.6
1972	209.9	37.5	19.9	1.3	58.7
1973	211.9	41.7	18.3	1.0	61.0
1974	213.9	35.9	16.0	0.7	52.6
1975	216.0	34.7	14.9	0.7	50.3
1976	218.0	37.5	16.9	0.9	55.3
1977	220.2	41.1	15.8	0.9	57.8
1978	222.6	42.4	15.8	1.0	59.2
1979	225.1	41.6	14.8	0.9	57.3
1980	227.7	37.5	14.7	0.9	53.1
1981	229.8	37.9	14.5	1.0	53.4
1982	232.0	33.6	13.5	0.9	48.0
1983	234.2	41.7	15.8	1.2	58.7
1984	237.6	41.7	16.5	1.4	59.6

a. Based on total U.S. domestic consumption (Mill Consumption plus imports less exports of semimanufactured and manufactured products).
b. Five-year coverages for 1920-1979 and annual data for 1965-1984.

TABLE 3B: U.S. AVERAGE ANNUAL FIBER AVAILABLE FOR CONSUMPTION - EXCLUDING NON-TEXTILE GLASS FIBER

POUNDS

YEAR	PER CAPITA			
	MAN-MADE FIBER	COTTON	WOOL	TOTAL
1970	26.4	19.7	1.7	47.8
1971	31.3	20.4	1.3	53.0
1972	35.5	19.9	1.3	56.7
1973	39.3	18.3	1.0	58.6
1974	33.7	16.0	0.7	50.4
1975	32.8	14.9	0.7	48.4
1976	35.0	16.9	0.9	52.8
1977	38.1	15.8	0.9	54.8
1978	39.1	15.8	1.0	55.9
1979	38.3	14.8	0.9	54.0
1980	34.4	14.7	0.9	50.0
1981	34.2	14.5	1.0	49.7
1982	30.3	13.5	0.9	44.7
1983	37.4	15.8	1.2	54.4
1984	37.0	16.5	1.4	54.9

TABLE 4:
DOMESTIC CONSUMPTION OF FIBER & PRODUCTS

MILLION POUNDS

YEAR	MAN-MADE FIBER (Non-Add)[a]	MAN-MADE FIBER[b]	COTTON	WOOL	TOTAL
1970	5683.1	5422.8	4037.5	354.3	9814.6
1971	6833.6	6508.7	4231.3	276.1	11016.1
1972	7868.6	7458.2	4170.1	279.3	11907.6
1973	8841.3	8322.6	3881.6	212.6	12416.8
1974	7678.6	7202.4	3416.3	146.8	10765.5
1975	7494.5	7081.2	3216.3	161.4	10458.9
1976	8179.8	7639.2	3684.4	198.7	11522.3
1977	9050.6	8400.3	3469.7	208.3	12078.3
1978	9428.6	8695.6	3530.1	222.2	12447.9
1979	9374.4	8625.3	3334.5	201.0	12160.8
1980	8529.2	7832.6	3352.2	199.1	11383.9
1981	8704.9	7863.4	3325.4	234.0	11422.8
1982	7788.4	7034.5	3122.7	218.8	10376.0
1983	9759.1	8762.6	3711.5	274.7	12748.8
1984	9909.3	8792.1	3929.5	337.5	13059.1

a. Includes ***both*** textile and non-textile types of glass fiber.
b. Includes ***only*** textile glass fiber.

TABLE 5: MILL CONSUMPTION BY FIBER

BILLION POUNDS

YEAR	RAYON	ACETATE[a]	NYLON[b]	POLYESTER	ACRYLIC[c]	OLEFIN	GLASS[d]	COTTON	WOOL	TOTAL
1970	0.9	0.5	1.3	1.8	0.5	0.2	0.1	3.8	0.3	9.2
1971	1.0	0.5	1.7	2.0	0.5	0.3	0.1	4.0	0.2	10.3
1972	1.0	0.4	2.1	2.5	0.6	0.4	0.2	3.9	0.2	11.3
1973	1.0	0.4	2.3	3.1	0.7	0.5	0.2	3.6	0.2	12.0
1974	0.8	0.3	2.0	2.9	0.6	0.5	0.2	3.3	0.1	10.7
1975	0.5	0.3	2.0	3.1	0.5	0.5	0.1	3.1	0.1	10.2
1976	0.6	0.3	2.1	3.3	0.6	0.5	0.1	3.4	0.1	11.0
1977	0.6	0.3	2.3	3.6	0.7	0.6	0.1	3.2	0.1	11.5
1978	0.6	0.3	2.5	3.7	0.6	0.7	0.2	3.0	0.1	11.7
1979	0.5	0.3	2.7	3.8	0.6	0.7	0.2	3.1	0.1	12.0
1980	0.5	0.3	2.3	3.5	0.6	0.7	0.2	3.1	0.1	11.3
1981	0.5	0.2	2.2	3.5	0.5	0.8	0.1	2.7	0.2	10.7
1982	0.3	0.2	1.9	2.9	0.5	0.8	0.1	2.5	0.1	9.3
1983	0.4	0.2	2.4	3.5	0.5	0.9	0.2	2.8	0.2	11.1
1984	0.4	0.2	2.4	3.2	0.5	1.0	0.2	2.7	0.2	10.8

a. Includes triacetate. Cigarette tow is excluded.
b. Includes aramid for all years but 1983 & 1984.
c. Includes modacrylic.
d. Includes only glass fibers for Textile End Uses.

TABLE 6: PERCENT ANALYSIS OF POPULATION, PER CAPITA GNP (Goods Produced) AND PER CAPITA CONSUMPTION OF MAN-MADE FIBER[c], COTTON & WOOL

1970-1984

YEAR	POPULATION	%[a]	%[b]	PER CAPITA GNP	%[a]	%[b]	PER CAPITA CONSUMPTION MAN-MADE FIBER	%[a]	%[b]	PER CAPITA CONSUMPTION COTTON	%[a]	%[b]	PER CAPITA CONSUMPTION WOOL	%[a]	%[b]	PER CAPITA CONSUMPTION ALL FIBERS	%[a]	%[b]
1970	205.1	--	--	2,374	--	--	26.4	--	--	19.7	--	--	1.7	--	--	47.8	--	--
1971	207.7	+1.3	+1.3	2,394	+0.8	+0.8	31.3	+18.6	+18.6	20.4	+3.5	+3.5	1.3	-23.5	-23.5	53.0	+10.9	+10.9
1972	209.9	+1.1	+2.3	2,523	+5.4	+6.3	35.5	+13.4	+34.5	19.9	-2.5	+1.0	1.3	--	-23.5	56.7	+7.0	+18.6
1973	211.9	+0.9	+3.3	2,701	+7.0	+13.8	39.3	+10.7	+48.9	18.3	-8.0	-7.1	1.0	-23.1	-41.2	58.6	+3.4	+22.6
1974	213.9	+0.9	+4.3	2,630	-2.6	+10.8	33.7	-14.2	+27.7	16.0	-12.6	-18.8	0.7	-30.0	-58.8	50.4	-14.0	+5.4
1975	216.0	+1.0	+5.3	2,534	-3.7	+6.7	32.8	-2.7	+24.2	14.9	-6.9	-24.4	0.7	--	-58.8	48.4	-4.0	+1.3
1976	218.0	+0.9	+6.3	2,694	+6.3	+13.5	35.0	+6.7	+32.6	16.9	+13.4	-14.2	0.9	+28.6	47.1	52.8	+9.1	+10.5
1977	220.2	+1.0	+7.4	2,852	+5.9	+20.1	38.1	+8.9	+44.3	15.8	-6.5	-19.8	0.9	--	-47.1	54.8	+3.8	+14.6
1978	222.6	+1.1	+8.5	2,974	+4.3	+25.3	39.1	+2.6	+48.1	15.8	--	19.8	1.0	+11.1	-41.2	55.9	+2.0	+16.9
1979	225.1	+1.1	+9.7	3,011	+1.2	+26.8	38.3	-2.0	+45.1	14.8	-6.3	-24.9	0.9	-10.0	-47.1	54.0	-3.4	+13.0
1980	227.7	+1.1	+11.0	2,934	-2.6	+23.6	34.4	-10.2	+30.3	14.7	-0.7	-25.4	0.9	--	-47.1	50.0	-7.4	+4.6
1981	229.8	+0.9	+12.0	3,014	+2.7	+27.0	34.2	-0.6	+29.5	14.5	-1.4	-26.4	1.0	+11.1	-41.2	49.7	-0.6	+4.0
1982	232.0	+1.0	+13.1	2,852	-5.4	+20.1	30.3	-11.4	+14.8	13.5	-6.9	-31.5	0.9	-10.0	-47.1	44.7	-10.1	-6.5
1983	234.2	+0.9	+14.2	2,940	+3.1	+23.8	37.4	+23.4	+41.7	15.8	+17.0	-19.8	1.2	+33.3	-29.4	54.4	+21.7	+13.8
1984	237.6	+1.5	+15.8	3,217	+9.4	+35.5	37.0	-1.1	+40.2	16.5	+4.4	-16.2	1.4	+16.7	-17.6	54.9	+0.9	+14.8

Population is in millions of people.
Per Capita GNP is in dollars.
All other Per Capita Consumption data are in pounds.
All data are taken from the tables on page 89.

a. Percent change year to year.
b. Percent change since 1970.
c. Man-made fiber data exclude non-textile glass fiber.

TABLE 7: RAW FIBER EQUIVALENT OF IMPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

COMMODITY	MAN-MADE FIBER						COTTON						WOOL					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
IMPORTS																		
SEMIMANUFACTURED PRODUCTS																		
YARN, THREAD, ETC.	37.5	30.2	34.9	38.2	58.0	71.0	12.4	19.4	24.1	28.5	42.1	54.6	4.2	4.2	5.0	7.7	7.6	16.3
CLOTH	81.6	81.4	106.2	105.7	138.0	170.4	236.7	258.4	350.3	266.5	346.3	450.8	21.7	21.1	27.8	25.6	28.1	33.0
SUBTOTAL	**119.1**	**111.6**	**141.1**	**143.9**	**196.0**	**241.4**	**249.1**	**277.8**	**374.4**	**295.0**	**388.4**	**505.4**	**25.9**	**25.3**	**32.8**	**33.3**	**35.7**	**55.3**
MANUFACTURED PRODUCTS																		
WEARING APPAREL	359.8	378.6	437.1	486.5	576.0	688.9	426.3	463.8	504.0	510.5	622.8	759.5	39.2	41.7	40.9	46.4	58.8	80.8
INDUSTRIAL	0.1	0.1	0.3	1.1	1.3	0.4	5.6	10.1	8.8	10.0	14.3	37.6	NOMINAL POUNDAGES INCLUDED IN OTHER					
HOME FURNISHINGS	46.0	50.3	60.6	66.5	296.1	411.3	44.4	45.4	59.5	67.0	78.0	138.9	14.4	17.3	18.5	19.6	34.8	52.1
ALL OTHER							20.7	13.8	15.2	14.7	31.9	23.4	1.1	0.8	0.9	0.8	2.6	1.2
SUBTOTAL	**405.9**	**429.0**	**498.0**	**554.1**	**873.4**	**1100.6**	**497.0**	**533.1**	**587.5**	**602.2**	**747.0**	**959.4**	**54.7**	**59.8**	**60.3**	**66.6**	**96.2**	**134.1**
TOTAL IMPORTS	**525.0**	**540.6**	**639.1**	**698.0**	**1069.4**	**1342.0**	**746.1**	**810.9**	**961.9**	**897.2**	**1135.4**	**1464.8**	**80.6**	**85.1**	**93.1**	**100.1**	**131.9**	**189.4**

All of these data are taken from the table on page 45, March 1985 *Textile Organon.*

TABLE 8: PER CAPITA CONSUMPTION OF IMPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES AS COMPARED TO PER CAPITA CONSUMPTION OF MAN-MADE FIBER, COTTON & WOOL

POUNDS & *Percent*

YEAR	IMPORTS															DOMESTIC FIBER CONSUMPTION					
	MAN-MADE FIBER					COTTON					WOOL					MAN-MADE FIBER	%[a]	COTTON	%[a]	WOOL	%[a]
	TOTAL	%[a]	APPAREL	%[a]	%[b]	TOTAL	%[a]	APPAREL	%[a]	%[b]	TOTAL	%[a]	APPAREL	%[a]	%[b]						
1978	2.9	--	1.9	--	*65.5*	3.8	--	1.9	--	*50.0*	0.4	--	0.2	--	*50.0*	39.1	--	15.8	--	1.0	--
1979	2.3	*-20.7*	1.6	*-15.8*	*69.6*	3.3	*-13.2*	1.9	--	*57.6*	0.4	--	0.2	--	*50.0*	38.3	*-2.0*	14.8	*-6.3*	0.9	*-10.0*
1980	2.4	*+4.3*	1.7	*+6.2*	*70.8*	3.6	*+9.1*	2.0	*+5.3*	*55.5*	0.4	--	0.2	--	*50.0*	34.4	*-10.2*	14.7	*-0.7*	0.9	--
1981	2.8	*+16.7*	1.9	*+11.8*	*67.9*	4.2	*+16.7*	2.2	*+10.0*	*52.4*	0.4	--	0.2	--	*50.0*	34.2	*-0.6*	14.5	*-1.4*	1.0	*+11.1*
1982	3.0	*+7.1*	2.1	*+10.5*	*70.0*	3.9	*-7.1*	2.2	--	*56.4*	0.4	--	0.2	--	*50.0*	30.3	*-11.4*	13.5	*-6.9*	0.9	*-10.0*
1983	4.6	*+53.3*	2.5	*+19.0*	*54.3*	4.8	*+23.1*	2.7	*+22.7*	*56.3*	0.6	*+50.0*	0.3	*+50.0*	*50.0*	37.4	*+23.4*	15.8	*+17.0*	1.2	*+33.3*
1984	5.6	*+21.7*	2.9	*+16.0*	*51.8*	6.2	*+29.2*	3.2	*+18.5*	*51.6*	0.8	*+33.3*	0.3	--	*37.5*	37.0	*-1.1*	16.5	*+4.4*	1.4	*+16.7*

-- Means no change.
a. Percent change from previous year.
b. Percent of total imports of semimanufactured & manufactured products.

MAY 1985 CAPACITY SURVEY ANALYSIS

Capacity Utilization Falls

Capacity utilization rates fell during the first four months of 1985. Based on annualized January-April production data and May 1985 Capacity Survey results, the capacity utilization rate for the U.S. man-made fiber industry stood at 78.1%, as compared to 78.5% in 1984 (Graph 3).

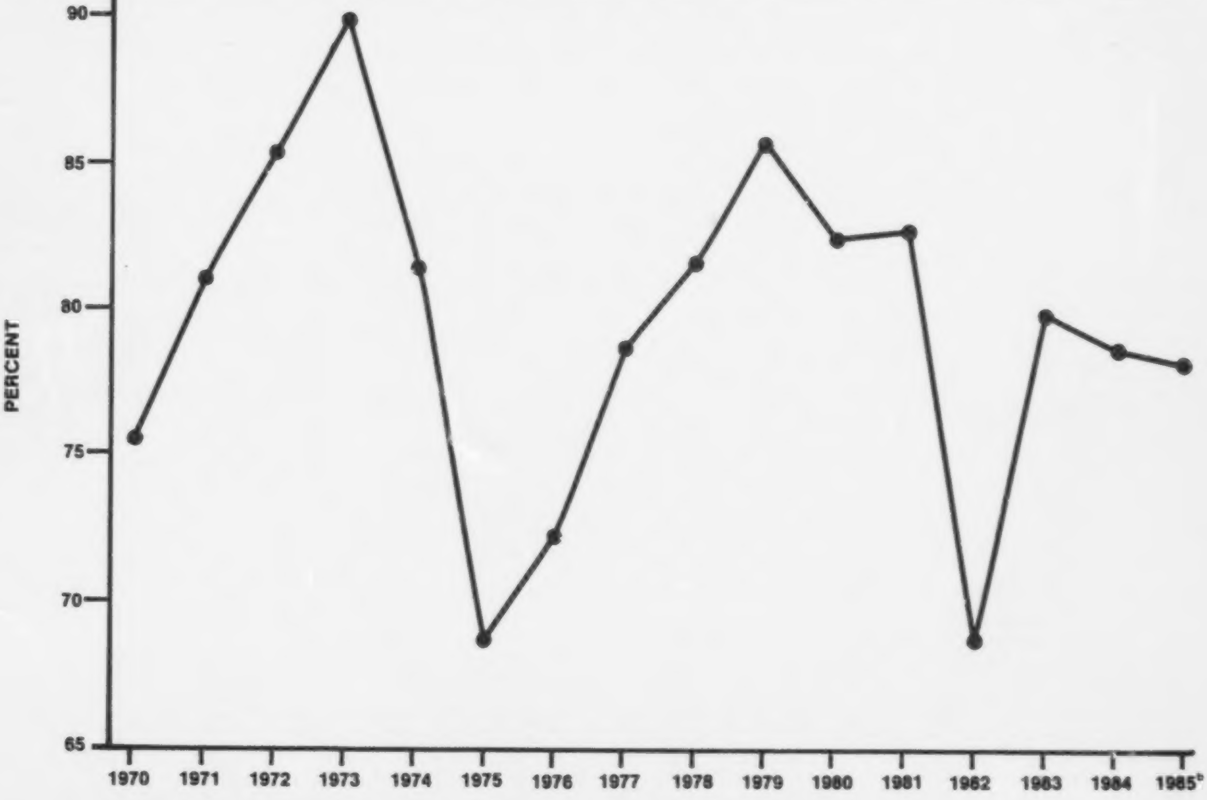
Even though utilization rates fell, total industry capacity (excluding textile glass fiber) rose to 10,372 million pounds, up ½% from the 10,335 million pounds recorded in the November 1984 Survey.

Noncellulosic staple+tow capacity increased marginally from 4,981 million pounds as of the November 1984 ***Organon*** Capacity Survey, to 4,989 million pounds (Table 9B).

Since November 1984, filament yarn capacity grew from 4,509 million pounds to 4,600 million pounds on strength of major increases in nylon carpet and olefin (Table 9B).

With this most current Survey, the gap between noncellulosic staple+tow and noncellulosic filament yarn capacity narrowed to 389 million pounds, down from a difference of 472 million pounds in November 1984. Gains in olefin yarn and film fiber, as well as nylon carpet yarn capacity have contributed greatly to the narrowing of the gap between yarn and staple capacity levels.

GRAPH 3: INDUSTRY CAPACITY UTILIZATION[a]



[a] Cellulosic and noncellulosic fiber excluding textile glass.
[b] Utilization based on May 1985 capacity survey and annualized January-April production data.

TABLE 9A: U.S. MAN-MADE FIBER PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS & *Average Denier*

	CELLULOSIC FIBERS								NONCELLULOSIC FIBERS[a]				GRAND TOTAL MAN-MADE FIBERS		
	FILAMENT YARN+MONOFIL				STAPLE+TOW										
		ACETATE[b]													
PERIOD	RAYON	LBS	*DENIER*	TOTAL	RAYON	ACETATE[b]	TOTAL	TOTAL	YARN +MONO	STAPLE +TOW	TOTAL	TEXTILE GLASS TOTAL[c]	YARN[d] +MONO	STAPLE +TOW	TOTAL
ACTUAL ANNUAL PRODUCTION															
1970	268	463		731	607	35	642	1373	1793	1793	3586	467	2991	2435	5426
1971	304	449		753	612	26	638	1391	2188	2105	4293	468	3409	2743	6152
1972	252	401		653	713	28	741	1394	2773	2583	5356	572	3998	3324	7322
1973	198	437		635	697	25	722	1357	3339	2970	6309	688	4662	3692	8354
1974	172	362		534	645	20	665	1199	3443	2780	6223	683	4660	3445	8105
1975	65	301		366	371	12	383	749	3209	2677	5886	546	4121	3060	7181
1976	68	287		355	475	11	486	841	3306	3320	6626	676	4337	3806	8143
1977	71	282		353	527	8	535	888	3674	3654	7328	787	4814	4189	9003
1978	62	301		363	535	7	542	905	3830	3953	7783	923	5116	4495	9611
1979	57	317		374	549	7	556	930	4155	4282	8437	1014	5543	4838	10381
1980	47	309		356	443	7	450	806	3744	4148	7892	867	4967	4598	9565
1981	48	257		305	461	4	465	770	3815	4191	8006	1041	5161	4656	9817
1982	33	195		228	355	1	356	584	3057	3403	6460	899	4184	3759	7943
1983	26	228		254	375	1	376	630	3568	3970	7538	1169	4991	4346	9337
1984	32	198		230	389	+	389	619	3525	3947	7472	1394	5149	4336	9485
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF -															
NOV 1970[e]	360	494	*NA*	854	819	40	859	1713	2440	2422	4862	657	3951	3281	7232
NOV 1971[e]	337	490	*NA*	827	757	30	787	1614	2796	2620	5416	696	4319	3407	7726
NOV 1972[e]	235	486	*NA*	721	761	30	791	1512	3362	3034	6396	721	4804	3825	8629
NOV 1973[e]	224	473	*NA*	697	768	28	796	1493	3738	3302	7040	739	5174	4098	9272
NOV 1974[e]	172	449	*NA*	621	724	28	752	1373	4175	3584	7759	821	5617	4336	9953
NOV 1975[e]	100	384	*NA*	484	737	18	755	1239	4640	3796	8436	909	6033	4551	10584
NOV 1976[e]	85	399	*NA*	484	691	18	709	1193	4878	4254	9132	893	6255	4963	11218
NOV 1977[e]	85	315	*89*	400	655	8	663	1063	4974	4394	9368	1002	6376	5057	11433
NOV 1978[e]	83	330	*87*	413	665	8	673	1086	5000	4571	9571	1118	6531	5244	11775
NOV 1979[e]	75	355	*89*	430	671	8	679	1109	5126	4678	9804	1305	6861	5357	12218
NOV 1980[e]	63	324	*88*	387	514	8	522	909	4933	4714	9647	1473	6793	5236	12029
NOV 1981[e]	52	332	*95*	384	509	5	514	898	4766	4950	9716	1561	6711	5464	12175
NOV 1982[e]	63	318	*96*	381	510	4	514	895	4583	4781	9364	1718	6682	5295	11977
NOV 1983[e]	63	268	*95*	331	510	4	514	845	4477	4827	9304	1618	6426	5341	11767
MAY 1984[e]	63	268	*95*	331	510	4	514	845	4552	4996	9548	1753	6636	5510	12146
NOV 1984[e]	63	268	*95*	331	510	4	514	845	4518	4933	9451	1678	6527	5447	11974
MAY 1985[e]				269[g]	510	4	514	783	4600	4989	9589	1821	6690	5503	12193
NOV 1985[f]				269[g]	510	4	514	783	4684	4980	9664	1841	6794	5494	12288
MAY 1986[f]				269[g]	510	4	514	783	4719	5031	9750	1880	6868	5545	12413
NOV 1986[f]				269[g]	510	4	514	783	4722	5142	9864	1885	6876	5656	12532
MAY 1987[f]				269[g]	510	4	514	783	4855	5153	10008	1885	7009	5667	12676

a. Included are those listed in the November *Organon* issue, with the exception of Aramid fiber as of November 1983. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. Data include diacetate and triacetate. The acetate staple+tow data do not include the large poundages for cigarette filtration.

c. Textile glass fiber, all types.

d. Grand Total Yarn means the yarn+mono shown **plus** all textile glass fiber.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of MAY 1985.

g Detail withheld due to disclosure

Footnotes for Table 9B (Page 94.).

Note: As of the November 1983 survey, nylon capacity data no longer include Aramid fiber.

NA means not available.

IND means industrial yarn and monofil, i.e., 500 denier & coarser, with an Instron tenacity of 7 grams per denier or more; **CARP** means bulked continuous filament yarn for carpets; **TEXTILE** means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

a. Includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles, film fiber used for decorative or tying ribbons, etc.

b. Includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated fiber.

c. Other yarn & monofil is chiefly saran and spandex. Aramid data are included with nylon.

d. Actual producing capacity as of date shown.

e. Future producing capacity planned for certain & dates as of May 1985.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in table 9B on page 94 cover the man-made fibers in all their primary forms, i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn and strand, staple yarn and sliver, roving and cake, chopped and milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. The textile glass data are included with the filament yarn totals. The "capacity" to produce waste is *not* included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is ***emphasized*** that all figures refer to ***current*** and ***planned*** capacity. ***They are not to be interpreted as a production forecast.***

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. On the other hand, equipment which is definitely scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. Put another way, the capacity data reflect ***potential***, rather than ***operating***, capacity.

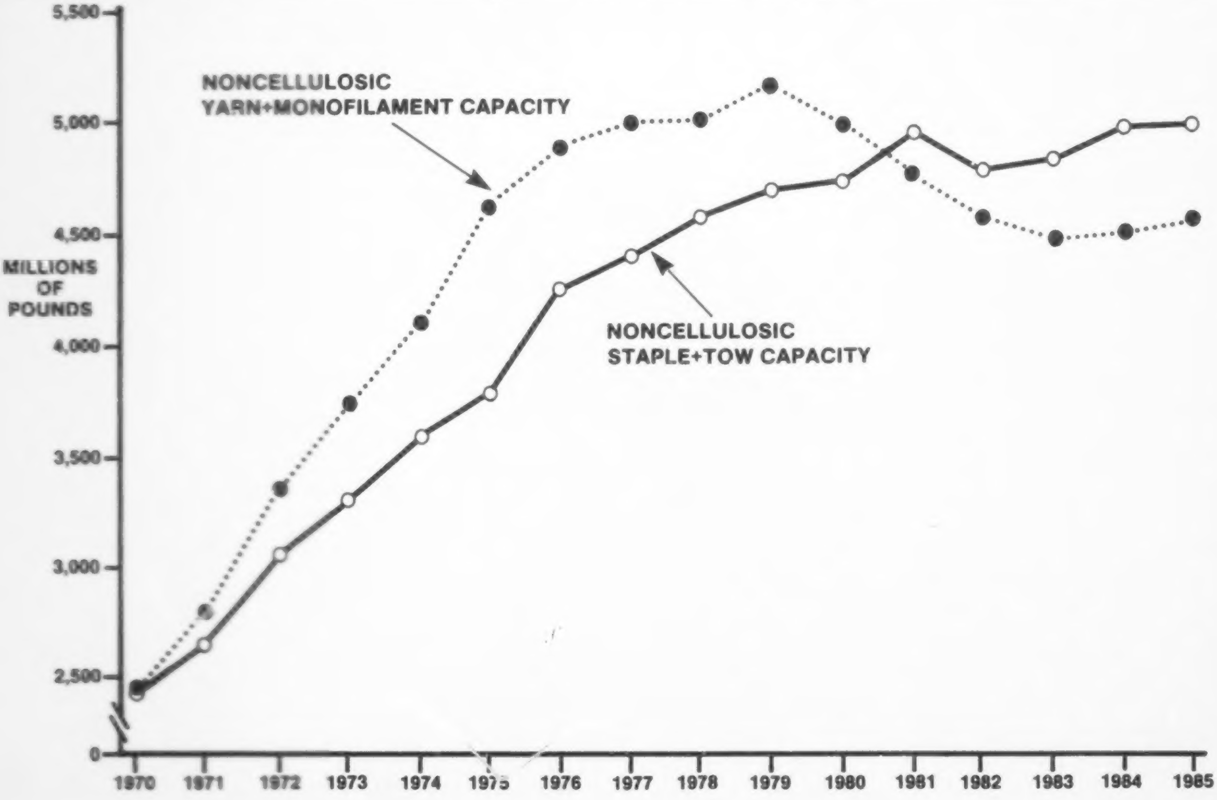
TABLE 9B: NONCELLULOSIC FIBER CAPACITY DETAIL

MILLION POUNDS & *Average Denier*

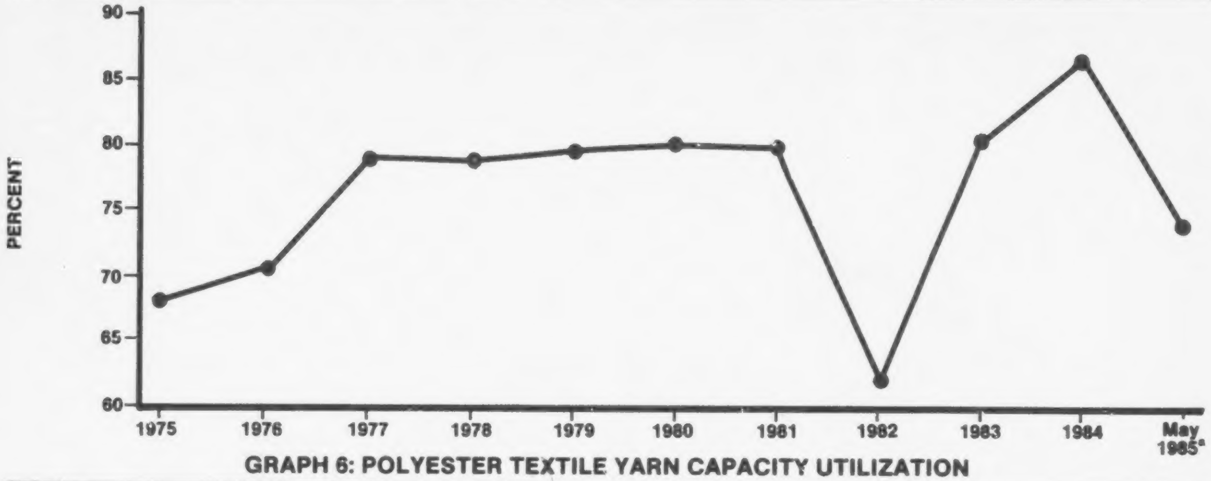
PERIOD	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER												STAPLE, TOW & FIBERFILL					NON-CELLULOSIC TOTAL
	NYLON+ARAMID				POLYESTER			OLEFIN[a]										
	IND	CARP	TEXTILE LBS	TEXTILE DEN	IND	TEXTILE LBS	TEXTILE DEN	YARN	MONO[b]	FILM[b]	OTHER[c]	TOTAL	NYLON + ARAMID	ACRYL +MOD-ACRYL	POLY-ESTER	OLEFIN + VINYON	TOTAL	
NOV 1970[d]	480	428	569	*NA*	294	316	*NA*	110	119	106	18	2440	280	659	1370	113	2422	4862
NOV 1971[d]	463	531	522	*NA*	337	559	*NA*	89	163	113	19	2796	460	698	1355	107	2620	5416
NOV 1972[d]	468	626	559	*NA*	364	892	*NA*	96	177	159	20	3362	602	754	1571	107	3034	6396
NOV 1973[d]	466	707	534	*NA*	385	1118	*NA*	106	214	190	18	3738	701	787	1709	105	3302	7040
NOV 1974[d]	483	770	552	*NA*	403	1351	*NA*	125	254	221	16	4175	757	824	1899	104	3584	7759
NOV 1975[d]	503	786	553	*NA*	391	1576	*NA*	168	313	334	16	4640	827	827	2021	121	3796	8436
NOV 1976[d]	519	787	552	*54*	442	1701	*133*	178	312	371	16	4878	910	869	2355	120	4254	9132
NOV 1977[d]	523	829	558	*55*	443	1698	*126*	173	336	398	16	4974	939	869	2470	116	4394	9368
NOV 1978[d]	510	908	565	*53*	443	1643	*116*	174	347	394	16	5000	1023	865	2554	129	4571	9571
NOV 1979[d]	513	950	579	*51*	443	1699	*114*	172	342	408	20	5126	1020	839	2673	146	4678	9804
NOV 1980[d]	515	910	551	*52*	400	1637	*113*	120	350	430	20	4933	991	830	2759	134	4714	9647
NOV 1981[d]	514	893	553	*49*	316	1481	*114*	178	356	455	20	4766	1010	835	2839	266	4950	9716
NOV 1982[d]	474	925	513	*53*	338	1265	*119*	209	369	460	30	4583	978	832	2700	271	4781	9364
NOV 1983[d]	440	907	494	*52*	337	1170	*122*	240	375	484	30	4477	1017	826	2704	280	4827	9304
NOV 1984[d]	437	926	470	*54*	342	1162	*121*	270	386	486	30	4509	1054	807	2784	336	4981	9490
MAY 1985[d]	438	946	472	*54*	343	1112	*121*	285	388	586	30	4600	1072	749	2789	379	4989	9589
NOV 1985[e]	438	966	469	*54*	371	1112	*122*	293	390	615	30	4684	1082	675	2789	434	4980	9664
MAY 1986[e]	438	971	469	*55*	382	1118	*122*	306	390	615	30	4719	1132	676	2789	434	5031	9750
NOV 1986[e]	438	976	469	*55*	390	1098	*122*	316	390	615	30	4722	1132	687	2889	434	5142	9864
MAY 1987[e]	438	1016	469	*55*	392	1098	*122*	371	390	651	30	4855	1132	698	2889	434	5153	10008

NOTE: see page 93 for footnotes.

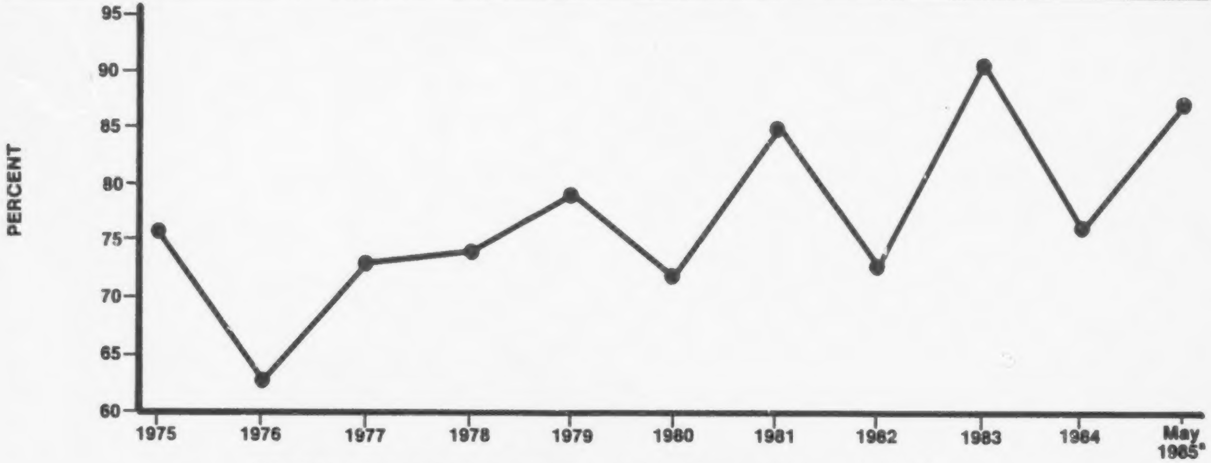
GRAPH 4: NONCELLULOSIC YARN+MONOFILAMENT CAPACITY VS. STAPLE+TOW CAPACITY



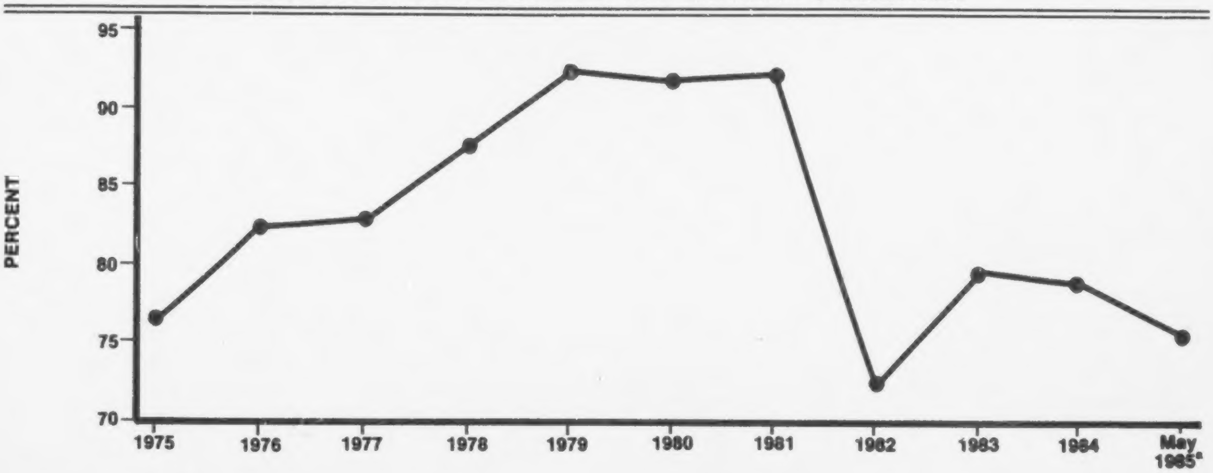
GRAPH 5: NYLON CARPET YARN CAPACITY UTILIZATION



GRAPH 6: POLYESTER TEXTILE YARN CAPACITY UTILIZATION



GRAPH 7: POLYESTER STAPLE+TOW CAPACITY UTILIZATION



[a] Utilization based on May 1985 capacity survey and annualized January-April production data.

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose in March, as the net-export balance of trade rose to 35.6 million pounds, up from the 26.1 million-pound export balance in February.

A rise in exports more than offset a rise in imports. Exports of fiber totaled 66.7 million pounds, up 27% from February's level of 52.6 million pounds. March imports of fiber totaled 31.1 million pounds, up over 17% from 26.5 million pounds in February.

The March trade balance is over 28% below that of March 1984. This month's exports are over 13% lower than last March's level, while imports are nearly 14% above last March's level.

MARCH DETAIL

The net-export trade balance in noncellulosic staple+tow rose nearly 41% in March to 23.4 million pounds, while the net-export balance in noncellulosic yarn+monofilaments fell over 16% to 10.2 million pounds.

The noncellulosic staple+tow balance of trade rose in March as exports rose over 32% and imports rose 19%.

The balance of trade for noncellulosic yarn fell in March as a result of rising imports and marginal gains in exports. Imports rose 38%, while exports rose 4%.

Products to note in March--

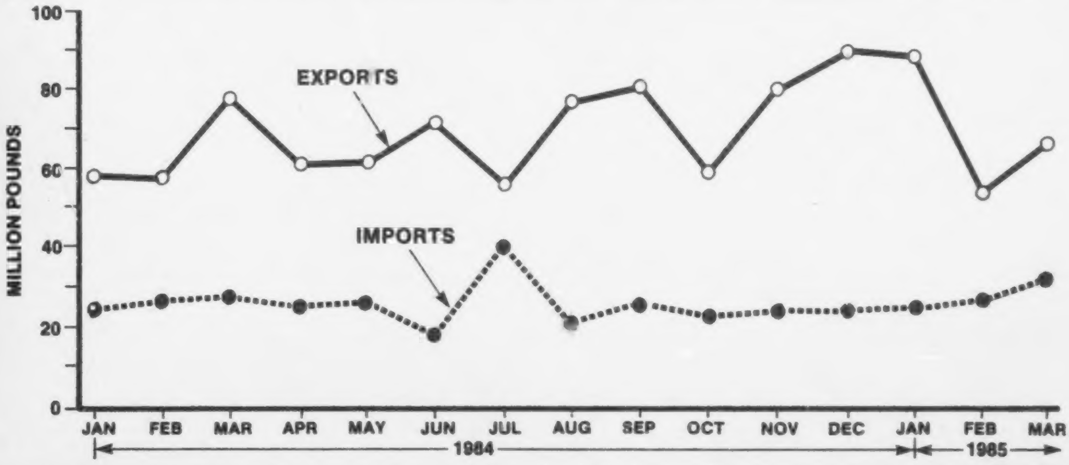
- Polyester staple+tow. Exports rose by 90%.
- Nylon staple. Imports rose by 137%.
- Nylon textured yarn. Imports rose by 47%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented the manufactures trade data will again appear in the ORGANON.

GRAPH 8: IMPORTS VERSUS EXPORTS OF MAN-MADE FIBER

MILLION POUNDS



GRAPH 9: MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

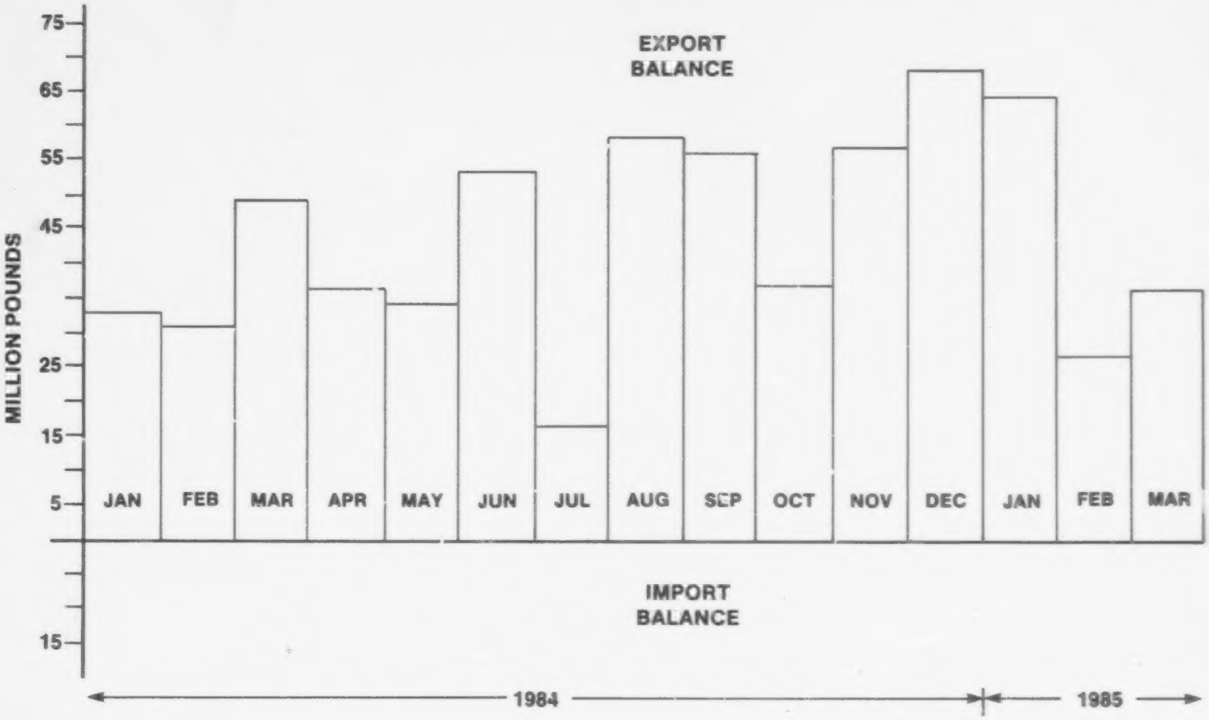


TABLE 10: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984 FEB	1984 MAR	1984 APR	1984 MAY	1984 JUN	1984 JUL	1984 AUG	1984 SEP	1984 OCT	1984 NOV	1984 DEC	1985 JAN	1985 FEB	1985 MAR
CELLULOSIC YARN+MONOFILAMENTS	1.7 E	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I	0.3 E
CELLULOSIC STAPLE+TOW	2.4 E	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E	2.2 E
NONCELLULOSIC YARN+MONOFILAMENTS	11.3 E	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E	10.2 E
NONCELLULOSIC STAPLE+TOW	16.4 E	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E	23.4 E
CELLULOSIC WASTE	0	0.6 E	+	0.1 E	+	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E	+	+	0.2 E
NONCELLULOSIC WASTE	0.7 I	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I	0.7 I
TOTAL	31.1 E	49.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.8 E	55.9 E	38.6 E	56.7 E	67.0 E	64.0 E	26.1 E	36.6 E

I means net-import balance.
E means net-export balance.

TABLE 11: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	1985 FEB	1985 MAR	1985 APR	1985 MAY	1985 JUN	YEAR TO DATE 1985	YEAR TO DATE 1984
CELLULOSIC FIBERS									
FILAMENT YARN[a]									
TEXTURED	310.0008	0	4	30				34	25
OTHER[b]	310.0026	811	117	971				1899	4302
MONOFILAMENTS	309.0110	0	0	0				0	2
STRIPS	309.2210	0	7	0				7	56
SUBTOTAL ABOVE		**811**	**128**	**1001**				**1940**	**4385**
STAPLE-TOW-RAYON	309.4222	2925	2042	3375				8342	15469
STAPLE-ACETATE	309.4219	12	133	140				285	628
SUBTOTAL ABOVE		**2937**	**2175**	**3515**				**8627**	**16097**
WASTE, ADVANCED & NOT ADVANCED	309.7400	**72**	**119**	**161**				**352**	**849**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
NYLON - TEXTURED	310.0008 & .0009	2478	2450	2480				7408	10514
- HIGH TENACITY[c]	310.0027	4921	6044	6255				17220	15938
- OTHER	310.0029	883	1002	934				2839	4062
POLYESTER-TEXTURED	310.0010	7465	5968	5803				19236	14323
- HIGH TENACITY[c]	310.0027	865	795	641				2301	2776
- OTHER	310.0034[d]	2458	102	422				2982	1479
OTHER - TEXTURED	309.0014	264	588	1152				2004	1588
- OLEFIN	309.0040	52	5	61				118	95
- OTHER	310.0044 & .0330	557	572	607				1736	1443
MONOFILAMENTS, ALL DENIERS									
NYLON	309.0120	231	195	189				615	631
POLYESTER[e]	309.0140	667	434	470				1571	791
OTHER	309.0170	1060	996	936				2964	2980
STRIPS	309.2220 & .2270	427	339	346				1112	1095
SUBTOTAL ABOVE		**22328**	**19490**	**20296**				**62106**	**57725**
STAPLE - NYLON	309.4240	1180	471	783				2434	4222
- POLYESTER	309.4242	23227	9880	18968				52095	29077
- ACRYLIC	309.4245	21821	12541	11117				45479	37885
- OLEFIN	309.4246	1039	261	620				1920	769
- OTHER	309.4247	755	875	890				2520	2552
GROUPED FILAMENTS									
NYLON	309.3230	211	95	51				357	1066
POLYESTER[e]	309.3240	3251	1302	2292				6845	10322
ACRYLIC	309.3250 & .3255	3372	2291	1957				7620	8645
SUBTOTAL ABOVE		**54856**	**27716**	**36696**				**119270**	**94538**
WASTE, NOT ADVANCED									
- NYLON	309.7620	303	196	237				736	3106
- POLYESTER	309.7630	4721	2235	3165				10121	11394
- ACRYLIC	309.7640	419	214	716				1349	1186
- OTHER	309.7660	1405	342	873				2620	3983
SUBTOTAL ABOVE		**6848**	**2987**	**4991**				**14826**	**19669**
TOTAL MAN-MADE ABOVE		**87852**	**52515**	**66654**				**207121**	**193263**
TEXTILE GLASS FIBER	309.2700 & .9700	7000	3948	7463				18331	11531
GRAND TOTAL ABOVE		**94852**	**56463**	**74117**				**225452**	**204794**

SOURCE: U.S.Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

Continued from page 87.

Table 6: Percentage change and relative growth over time of population, per capita GNP and per capita consumption of the various textile fibers.

Table 7: Summary of imports of semi-manufactured and manufactured products.

Table 8: Listing of aforementioned imports in per capita terms and their percentage growth over time in relation to overall per capita domestic consumption.

Graph 1: Per capita consumption of all fibers as taken from the data in Table 3B.

Graph 2: Growth in population and per capita GNP since 1970 in relation to the declining trend of per capita GNP data are taken from Table 2, while the per capita fiber consumption data are taken from Table 3B.

TABLE 12: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985						YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUNE	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	120	131	140				391	381
MEXICO	33	40	36				109	338
FRANCE	27	0	0				27	22
GERMANY, FED. REP. OF	686	424	358				1468	1437
NETHERLANDS	77	76	84				237	108
JAPAN	96	73	10				179	222
REP. OF KOREA	0	0	0				0	100
ALL OTHER COUNTRIES[a]	71	60	112				243	82
TOTAL CELL. YARN	**1110**	**804**	**740**				**2654**	**2690**
CELLULOSIC STAPLE+TOW								
CANADA	788	662	561				2011	2606
AUSTRIA	62	88	19				169	679
SWEDEN	314	368	271				953	786
UNITED KINGDOM	162	268	180				610	348
JAPAN	20	32	59				111	325
ALL OTHER COUNTRIES[b]	35	0	223				258	41
TOT. CELL. STAP. & TOW	**1381**	**1418**	**1313**				**4112**	**4785**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	962	716	939				2617	4496
COSTA RICA	0	0	30				30	0
MEXICO	624	588	923				2135	4687
AUSTRIA	83	109	89				281	96
BELGIUM	205	0	949				1154	62
FRANCE	682	441	320				1443	550
GERMANY, FED. REP. OF	1676	1879	2645				6200	3953
ITALY	1528	911	925				3364	1158
NETHERLANDS	93	1	37				131	175
SPAIN	1	0	+				1	322
SWITZERLAND	35	26	32				93	189
UNITED KINGDOM	591	612	807				2010	986
ISRAEL	78	274	98				450	267
JAPAN	584	793	473				1850	4129
REP. OF KOREA	3	1	1				5	134
TAIWAN	9	1	21				31	182
ROMANIA	88	0	0				88	197
SOUTH AFRICA	286	209	1618				2113	1022
ALL OTHER COUNTRIES[c]	242	744	184				1170	184
TOTAL N.C. YARN	**7770**	**7305**	**10091**				**25166**	**22789**
NONCELLULOSIC STAPLE+TOW								
BRAZIL	278	415	935				1628	416
CANADA	1640	2153	1296				5089	3349
COSTA RICA	86	330	187				603	746
MEXICO	1111	433	772				2316	6480
BELGIUM	127	85	12				224	131
FRANCE	920	1032	923				2875	1824
GERMANY, FED. REP. OF	1656	1970	1670				5296	6151
ITALY	527	411	2448				3386	3207
NETHERLANDS	74	27	67				168	304
SWITZERLAND	18	146	11				175	135
UNITED KINGDOM	740	1287	879				2906	4077
ISRAEL	0	1	55				56	73
JAPAN	1154	1247	1567				3968	3621
REP. OF KOREA	37	170	165				372	102
TAIWAN	1301	1033	2115				4449	2873
ROMANIA	83	88	95				266	535
SOUTH AFRICA	49	131	0				180	213
ALL OTHER COUNTRIES[d]	43	101	44				188	368
TOTAL N.C. STAPLE	**9844**	**11060**	**13241**				**34145**	**34605**

+ Means a nominal poundage.

Other countries supplying 1985 poundages are:

a. Brazil 240, Hong Kong 1, People's Republic of China 1, and Sweden 1.

b. Federal Republic of Germany 34, Finland 69, France 7, Italy 2, Netherlands 1, and Taiwan 145.

c. Australia 29, Belgium 454, Brazil 31, Denmark 34, German Dem. Rep. 14, Hong Kong 1, Iran 31, Ireland 16, Morocco 11, Norway 143, People's Republic of China +, Singapore 14, Sweden 42, Turkey 17, and Yugoslavia 333

d. Australia 82, Austria 42, Denmark 43, Philippines +, Spain 1, Sweden 18, and Turkey 2.

TABLE 13: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0	0	39				39	39
OTHER	310.0130 & .0230a	1105	751	697				2553	2601
MONOFILAMENTS	309.0010 & .0810	0	17	1				18	0
STRIPS, $1/LB & UNDER	309.2000a	5	36	4				45	51
SUBTOTAL ABOVE		**1110**	**804**	**740**				**2654**	**2690**
STAPLE	309.4320 & .4325	1319	1255	1255				3829	4365
GROUPED FILAMENTS	309.3010 & .3110	62	163	58				283	420
SUBTOTAL ABOVE		**1381**	**1418**	**1313**				**4112**	**4785**
WASTE, ADVANCED & NOT ADVANCED	309.6000 & .7510b	**96**	**73**	**0**				**169**	**118**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	2115	1670	2496				6281	4250
- POLYESTER	310.0110 & .0210	654	758	2492				3904	2922
- OTHER	310.0114 & .0214	1157	1238	1081				3476	1904
OTHER - NYLON	310.0140 & .0240	2037	1819	1450				5306	7161
- POLYESTER	310.0150 & .0250	1336	1326	2183				4845	4804
- OTHER	310.0170 & .0270c	179	243	140				562	788
MONOFILAMENTS	309.0200 & .0330d	240	133	190				563	990
STRIPS, OVER $1/LB	309.2100 & .2500a	52	118	59				229	272
SUBTOTAL ABOVE		**7770**	**7305**	**10091**				**25166**	**22790**
STAPLE - NYLON	309.4330	2329	1897	4525				8751	7891
- POLYESTER	309.4342	1623	2018	1824				5465	7828
- ACRYLIC	309.4345	1392	967	1073				3432	3251
- OLEFIN	309.4348	38	169	270				477	875
- OTHER	309.4355	1038	1045	2997				6480	3705
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	1742	3045	1957				6744	6882
POLYESTER	309.3040 & .3140	272	335	188				895	1846
ACRYLIC	309.3050 & .3150	440	832	273				1545	2162
OTHER	309.3065 & .3165	70	152	104				326	385
SUBTOTAL ABOVE		**9844**	**11100**	**13201**				**34145**	**34895**
WASTE, NOT ADVANCED									
- NYLON	309.6025	3094	4321	3549				10964	9219
- POLYESTER	309.6030	445	950	1386				2781	2065
- ACRYLIC	309.6045	*	0	10				10	38
- OTHER	309.6060	12	197	169				378	604
NOILS & GARNETTED FIBERS	309.6300 & .7560e	0	0	62				62	131
OTHER WASTE, ADVANCED	309.7525 - .7555	44	390	476				910	1401
SUBTOTAL ABOVE		**3595**	**5858**	**5652**				**15105**	**13458**
TOTAL MAN-MADE ABOVE		**23796**	**26558**	**30997**				**81351**	**79842**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0	0	*				0	*
- NONCELLULOSIC	310.1010* & .1108f	1106	665	740				2511	3380
OTHER - CELLULOSIC	310.1030 & .1130*	48	18	17				83	22
- NONCELLULOSIC	310.1050 & .1070*	346	503	337				1186	392
SPUN YARN - CELLULOSIC	310.4065 & .4030*	83	143	119				345	292
- OTHER	310.4015 & .4027*	2943	1623	2810				7376	6733
*OTHER YARNS - NES, INCL. CHENILLE	310.6020 - .6060	692	286	626				1604	2641
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	451	462	739				1652	1526
SLIVER, TOPS & ROVING	309.9000	205	241	410				856	1051
TEXTILE GLASS FIBER	309.2800 & .2880*	2454	1496	3565				7515	7941
GRAND TOTAL ABOVE		**31814**	**31943**	**40422**				**104179**	**109826**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0385, .0500, .0630, .0640 & .0685.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 14: QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1984					1985					1986				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						YARN+MONOFILAMENTS[a]									
ACETATE															
PRODUCTION	**55.2**	**56.0**	**50.0**	**37.0**	**198.2**	**44.8**									
SHIPMENTS - DOMESTIC	48.7	51.9	43.4	36.1	180.1	35.8									
- EXPORT	5.8	4.2	4.4	3.8	18.2	7.1									
TOTAL SHIPMENTS	**54.5**	**56.1**	**47.8**	**39.9**	**198.3**	**42.9**									
ENDING STOCK	**13.2**	**13.1**	**15.3**	**12.4**		**14.3**									
NYLON															
PRODUCTION	**400.9**	**407.9**	**383.3**	**385.2**	**1577.3**	**369.8**									
SHIPMENTS - DOMESTIC	365.1	370.7	348.9	353.4	1438.1	322.7									
- EXPORT	29.9	30.1	29.1	30.2	119.3	33.5									
TOTAL SHIPMENTS	**395.0**	**400.8**	**378.0**	**383.6**	**1557.4**	**356.2**									
ENDING STOCK	**126.7**	**133.8**	**139.1**	**140.7**		**54.3**									
OLEFIN[b]															
PRODUCTION	**178.0**	**184.5**	**171.5**	**213.1**	**747.1**	**245.1**									
SHIPMENTS - DOMESTIC	169.3	180.2	169.6	206.5	725.6	237.1									
- EXPORT	4.3	3.8	4.2	4.2	16.5	3.6									
TOTAL SHIPMENTS	**173.6**	**184.0**	**173.8**	**210.7**	**742.1**	**240.7**									
ENDING STOCK	**60.9**	**61.4**	**59.1**	**61.5**		**65.9**									
POLYESTER															
PRODUCTION	**318.8**	**297.5**	**279.8**	**303.9**	**1200.0**	**316.2**									
SHIPMENTS - DOMESTIC	291.9	286.1	278.8	293.0	1149.8	290.1									
- EXPORT	14.1	12.4	8.0	13.8	48.3	17.7									
TOTAL SHIPMENTS	**306.0**	**298.5**	**286.8**	**306.8**	**1198.1**	**307.8**									
ENDING STOCK	**110.4**	**109.4**	**102.4**	**99.5**		**107.9**									
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	**897.7**	**889.9**	**834.6**	**902.2**	**3524.4**	**931.1**									
SHIPMENTS - DOMESTIC	826.3	837.0	797.3	852.9	3313.5	849.9									
- EXPORT	48.3	46.3	41.3	48.2	184.1	54.8									
TOTAL SHIPMENTS	**874.6**	**883.3**	**838.6**	**901.1**	**3497.6**	**904.7**									
ENDING STOCK	**298.0**	**304.6**	**300.6**	**301.7**		**328.1**									
DOMESTIC SHIPMENTS	826.3	837.0	797.3	852.9	3313.5	849.9									
IMPORTS - TEXTURED YARN[c]	12.4	13.3	12.0	12.3	50.0	16.2									
- OTHER YARN[c]	12.9	13.2	13.9	11.1	51.1	11.9									
- MONOFILAMENTS	1.0	0.7	0.8	0.4	2.9	0.6									
TOTAL IMPORTS	26.3	27.2	26.7	23.8	104.0	28.7									
TOTAL AVAILABLE	**852.6**	**864.2**	**824.0**	**876.7**	**3417.5**	**878.6**									
						TEXTILE GLASS FIBER									
PRODUCTION	**333.3**	**337.0**	**342.9**	**380.8**	**1394.0**										
SHIPMENTS - DOMESTIC	305.1	340.8	311.0	293.8	1250.7										
- EXPORT	11.7	14.8	14.9	16.6	58.0										
TOTAL SHIPMENTS	**316.8**	**355.6**	**325.9**	**310.4**	**1308.7**										
ENDING STOCK	**141.2**	**122.6**	**139.8**	**210.0**											
IMPORTS	7.8	5.7	5.4	4.2	23.1	7.5									
TOTAL AVAILABLE	**312.9**	**346.5**	**316.4**	**298.0**	**1273.8**										

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA means not available at press time.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 42 & 43 of the March 1985 issue for further details on these yarns.

b. Also include film fiber as well as spunbonded polypropylene.

c. Include singles and plied.

d. Acetate staple+tow data are available annually only; see pages 42 & 43 of the March 1985 issue for further details.

e. These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345 & .4346.

TABLE 15: QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1984					1985					1986				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
							STAPLE+TOW*								
RAYON															
PRODUCTION	**104.0**	**103.7**	**94.0**	**87.5**	**389.2**	**85.6**									
SHIPMENTS - DOMESTIC	90.7	82.5	81.6	77.1	331.9	73.8									
- EXPORT	11.3	20.3	10.3	10.2	52.1	7.9									
TOTAL SHIPMENTS	**102.0**	**102.8**	**91.9**	**87.3**	**384.0**	**81.7**									
ENDING STOCK	**25.3**	**26.2**	**28.3**	**28.5**		**32.4**									
DOMESTIC SHIPMENTS	90.7	82.5	81.6	77.1	331.9	73.8									
IMPORTS FOR CONSUMPTION															
STAPLE	4.4	3.2	3.9	3.9	15.4	3.8									
GROUPED FILAMENTS	0.4	0.3	0.5	0.4	1.6	0.3									
TOTAL IMPORTS	4.8	3.5	4.4	4.3	17.0	4.1									
TOTAL AVAILABLE	**95.5**	**86.0**	**86.0**	**81.4**	**348.9**	**77.9**									
NYLON															
PRODUCTION	**220.9**	**216.6**	**193.0**	**204.3**	**834.8**	**191.6**									
SHIPMENTS - DOMESTIC	211.1	210.6	194.5	198.2	814.4	192.8									
- EXPORT	5.6	3.1	4.6	3.6	16.9	3.3									
TOTAL SHIPMENTS	**216.7**	**213.7**	**199.1**	**201.8**	**831.3**	**196.1**									
ENDING STOCK	**79.3**	**82.2**	**76.1**	**78.6**		**74.1**									
IMPORTS	7.9	7.8	12.1	10.5	38.3	8.7									
TOTAL AVAILABLE	**219.0**	**218.4**	**206.6**	**208.7**	**852.7**	**201.5**									
ACRYLIC+MODACRYLIC															
PRODUCTION	**171.7**	**174.9**	**164.7**	**159.5**	**670.8**	**163.0**									
SHIPMENTS - DOMESTIC	120.6	124.2	107.7	94.2	446.7	105.3									
- EXPORT	48.5	51.3	60.7	59.0	219.5	59.0									
TOTAL SHIPMENTS	**169.1**	**175.5**	**168.4**	**153.2**	**666.2**	**164.3**									
ENDING STOCK	**75.4**	**74.8**	**71.1**	**77.4**		**76.1**									
IMPORTS	3.3	3.8	3.9	2.5	13.5	3.4									
TOTAL AVAILABLE	**123.9**	**128.0**	**111.6**	**96.7**	**460.2**	**108.7**									
OLEFIN+VINYON															
PRODUCTION	**57.3**	**61.8**	**64.4**	**66.4**	**249.9**	**69.1**									
SHIPMENTS - DOMESTIC	53.7	61.0	62.7	63.5	240.9	67.2									
- EXPORT	3.8	0.6	0.5	0.9	5.8	1.0									
TOTAL SHIPMENTS	**57.5**	**61.6**	**63.2**	**64.4**	**246.7**	**68.2**									
ENDING STOCK	**19.8**	**20.0**	**21.2**	**23.2**		**24.1**									
POLYESTER															
PRODUCTION	**561.6**	**573.5**	**531.4**	**525.3**	**2191.8**	**520.7**									
SHIPMENTS - DOMESTIC	514.2	527.7	481.3	469.0	1992.2	456.3									
- EXPORT	32.8	34.6	44.8	88.0	200.2	51.0									
TOTAL SHIPMENTS	**547.0**	**562.3**	**526.1**	**557.0**	**2192.4**	**507.3**									
ENDING STOCK	**188.7**	**199.9**	**205.2**	**173.5**		**186.9**									
IMPORTS	7.8	5.5	5.2	4.4	22.9	5.5									
TOTAL AVAILABLE	**522.0**	**533.2**	**486.5**	**473.4**	**2015.1**	**461.8**									
TOTAL NONCELLULOSIC															
PRODUCTION	**1011.5**	**1026.8**	**953.5**	**955.5**	**3947.3**	**944.4**									
SHIPMENTS - DOMESTIC	899.6	923.5	846.2	824.9	3494.2	821.6									
- EXPORT	90.7	89.6	110.6	151.5	442.4	114.3									
TOTAL SHIPMENTS	**990.3**	**1013.1**	**956.8**	**976.4**	**3936.6**	**935.9**									
ENDING STOCK	**363.2**	**376.9**	**373.6**	**352.7**		**361.2**									
DOMESTIC SHIPMENTS	899.6	923.5	846.2	824.9	3494.2	821.6									
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE*	19.0	17.1	21.2	17.4	74.7	17.6									
OTHER N.C. STAPLE	4.6	4.2	5.3	3.5	17.6	7.0									
GROUPED FILAMENTS	11.0	9.5	9.6	8.7	38.8	9.5									
TOTAL IMPORTS	34.6	30.8	36.1	29.6	131.1	34.1									
TOTAL AVAILABLE	**934.2**	**954.3**	**882.3**	**854.5**	**3625.3**	**855.7**									

See footnotes on opposite page.

TABLE 16: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985						YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	1985	1984
	TOTAL SHIPMENTS[b]							
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**14.3**	**14.1**	**14.5**	**16.0**			**58.9**	**72.3**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1	27.6			123.8	124.2
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0	2.2			8.7	12.0
- CARPET	57.1	51.9	59.5	69.2			237.7	270.4
- TEXTILE	30.5	27.0	27.5	27.8			112.8	129.4
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3	26.4			102.6	104.4
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4	2.0			6.6	8.3
- TEXTILE	69.5	75.6	81.9	89.6			316.6	297.2
OLEFIN[h]	78.0	79.9	82.1	86.0			326.0	231.9
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**	**312.8**	**330.8**			**1234.8**	**1177.8**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**29.0**	**25.0**	**27.7**	**30.0**			**111.7**	**137.9**
NYLON[e]	70.5	60.6	65.0	67.9			264.0	299.0
ACRYLIC+MODACRYLIC	51.5	55.0	57.8	54.9			219.2	227.3
POLYESTER	162.4	169.5	175.4	177.6			684.9	747.8
OLEFIN+VINYON	21.4	23.1	23.7	24.5			92.7	77.7
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.9**	**324.9**			**1260.8**	**1351.8**
	END-OF-MONTH STOCK							
YARN+MONOFILAMENTS								
ACETATE	**13.1**	**13.3**	**14.3**	**14.8**			**14.8**	**13.6**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4	32.0			32.0	22.1
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1	6.1			6.1	5.7
- CARPET	68.0	69.5	71.1	58.2			58.2	55.9
- TEXTILE	43.1	45.0	47.7	47.5			47.5	36.4
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9	24.3			24.3	19.4
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8	2.9			2.9	3.5
- TEXTILE	79.7	81.6	81.2	80.6			80.6	84.1
OLEFIN[h]	62.0	64.3	64.5	64.7			64.7	61.5
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**	**326.7**	**316.3**			**316.3**	**288.6**
STAPLE+TOW+FIBERFILL								
RAYON	**30.3**	**31.3**	**32.4**	**31.1**			**31.1**	**23.2**
NYLON[e]	69.7	72.4	74.1	71.1			71.1	71.7
ACRYLIC+MODACRYLIC	76.6	75.0	76.1	77.2			77.2	75.6
POLYESTER	191.8	192.6	186.9	187.6			187.6	177.4
OLEFIN+VINYON	26.1	25.1	24.1	25.5			25.5	20.1
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**	**361.4**			**361.4**	**344.8**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	9.6	9.3	13.0				31.9	43.5
CARPET CLASS WOOL	1.2	1.1	1.7				4.0	2.6
TOTAL RAW WOOL	10.8	10.4	14.7				35.9	46.1
RAW COTTON	176.2	193.8	286.7				656.7	738.7

---

[a] Year-to-date totals except for stock, which is the latest month's data.

[b] The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

[c] Producers' total domestic plus export shipments.

[d] Rayon yarn data are available annually only; see page 43 of the March 1985 issue.

[e] Data for nylon exclude aramid.

[f] Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

[g] Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

[h] Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

[i] Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.

[j] Acetate staple+tow data are available annually only; see page 43 of the March 1985 issue.

8/9/85

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Textile Organon

WORLD MAN-MADE FIBER SURVEY

Featured in this issue is our annual survey of the world man-made fiber industry. Our customary world directory of man-made fiber producers begins on page 118, the annual cellulosic fiber production and planned capacity survey begins on page 111, and the annual noncellulosic fiber production and planned capacity survey begins on page 107.

Historical world data for most of the tables that appear in this issue can be found in the ***Textile Organon Base Book*** of January 1962 and the following issues of the ***Textile Organon:*** June 1966, 1970, and 1979-1984.

As in the past, all data in this issue are in *metric tons* except for the U.S. data on pages 141-147. The tables on pages 104 and 107-117 will be published in the July issue showing data in *millions of pounds*.

Import-export data used to tabulate net available supply by country are not complete at this time. As a result, when these data are obtained, the 1984 net available supply table will be published in the ***Organon***.

ACKNOWLEDGEMENTS

This annual world man-made fiber survey would not have been possible without the help and cooperation of more than 170 foreign man-made fiber associations, producing companies and individuals, as well as the U.S. Foreign Service posts reporting through the Office of Textiles and Apparel, Domestic and International Business Administration and the U.S. Department of Commerce. Their efforts are greatly appreciated.

TABLE 1: WORLD PRODUCTION OF CERTAIN TEXTILE FIBERS

THOUSAND METRIC TONS & ***Percent***

TYPE OF FIBER	1978	1979	1980	1981	1982	1983	1984
CELLULOSIC FIBERS (from page 114)							
YARN + MONOFILAMENTS	1167	1176	1161	1104	1025	1043	1038
STAPLE + TOW	2148	2195	2081	2100	1917	1979	
TOTAL CELLULOSIC	**3315**	**3371**	**3242**	**3204**	**2942**	**3022**	**3078**
NONCELLULOSIC FIBERS except Olefin (from page 110)							
YARN + MONOFILAMENTS	4603	4889	4732	4809	4486	4855	5151
STAPLE + TOW	5431	5712	5744	6018	5654	6219	6742
TOTAL NONCELL. ABOVE	**10034**	**10601**	**10476**	**10827**	**10140**	**11074**	**11893**
TOTAL MAN-MADE ABOVE	**13349**	**13972**	**13718**	**14031**	**13082**	**14096**	**14971**
% of World Total	*48*	*47*	*47*	*45*	*44*	*47*	*45*
NATURAL FIBERS							
RAW COTTON	12897	10480	13991	15296	14639	14217	16479
RAW WOOL	1538	1576	1607	1626	1629	1641	1673
RAW SILK	51	55	56	57	55	55	55
TOTAL NATURAL ABOVE	**14486**	**15711**	**15654**	**16979**	**16323**	**15913**	**18207**
% of World Total	*52*	*53*	*53*	*55*	*56*	*53*	*55*
WORLD TOTAL ABOVE	**27835**	**29683**	**29372**	**31010**	**29405**	**30009**	**33178**
World Total %	*100*	*100*	*100*	*100*	*100*	*100*	*100*

The silk and man-made fiber data are on a calendar-year basis, while the figures for cotton and wool are on a seasonal basis.

MAN-MADE FIBERS: Data are from pages 110 and 114, as noted. Textile glass fiber and olefin production are not included.

COTTON: International Cotton Advisory Committee. Also see December 1984 *Organon*.

WOOL: Commonwealth Secretariat & The Wool Bureau, Inc. The data are on a scoured basis. Also see the December 1984 *Organon* issue.

SILK: International Silk Association, Food and Agriculture Organization of the United Nations.

Textile Organon

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A MONTHLY REVIEW

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ANNOUNCEMENT

The July & August issues of the *Textile Organon* will be combined into one issue, scheduled for release in mid-August.

DATAGRAM

WORLD FIBER PRODUCTION ON THE RISE

From 1978 to 1984, the World noncellulosic yarn and staple+tow production increased by almost 19%, from 10,034.4 thousand metric tons in 1978 to 11,893.2 thousand metric tons in 1984. During the same period, production of noncellulosic yarn rose 12% and staple+tow production grew by 24%. Major growth areas in production during that time have been recorded in:

- China, PRC, where production expanded by 413%, of which yarn rose 283% and staple+tow up almost 450%.
- Indonesia increased production by 123%.
- India grew over 161%, of which yarn rose by 198% and staple+tow increased by 115%.

In 1984, the World noncellulosic yarn and staple+tow production grew to 11,893 thousand metric tons, up 7½% over the 11,074 thousand metric tons produced in 1983. A small gain of 2% was realized in the cellulosic yarn and staple sector.

The noncellulosic staple+tow production rose by 8½% in 1984, from 6,219 thousand metric tons in 1983 to 6,742 thousand metric tons in 1984; and the noncellulosic yarn production moved up 6% to 5,151 thousand metric tons in 1984.

Major growth areas, in the noncellulosic sector, are in Other Africa, Asia and Oceania, where production increased by 25% in 1984.

The most significant production increases are noted in the following countries:

- China, PRC - increased by 75%.
- Indonesia - rose over 29%.
- India - up 20%.
- Taiwan - grew over 17%.
- Korea, Rep. of - increased over 12%.

Planned capacities, in 1985 over 1986, for both noncellulosic yarn and staple+tow are noteworthy in the following countries:

- Taiwan - will rise by 15%, of which yarn is to grow by 16% and staple+tow is expected to rise by 14%.
- Korea, Rep. of - is to increase by 10%.
- India - is expected to move up by 9%. The larger share of that will be in staple+tow, by 16%.
- China, PRC - combined capacity shall increase by 8%, with 13% for yarn and 6½% for staple+tow.

ENKA NEGOTIATIONS OK'D BY AKZO & BASF BOARD

The AKZO NV and BASF AG boards have approved the negotiations to acquire American Enka by Badische. American Enka is a subsidiary of AKZO NV and Badische is a subsidiary of BASF. The acquisition must still be approved by the U.S. Federal Trade Commission. (DNR 7/2/85)

TABLE 2A: WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY (EXCEPT OLEFIN)

THOUSAND METRIC TONS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE												
AUSTRIA	0	30.4	30.4	0	29.3	29.3	0	25.4	25.4	0	18.7	18.7
BENELUX[a]	94.7	48.0	142.7	95.2	40.4	135.6	71.9	32.4	104.3	80.4	25.3	105.7
EIRE (IRELAND)	8.3	26.0	34.3	10.8	32.0	42.8	10.0	31.7	41.7	15.0	31.3	46.3
FINLAND	0.5	0	0.5	0.4	0	0.4	0.4	0	0.4	0.5	0	0.5
FRANCE	91.7	154.7	246.4	78.7	145.3	224.0	65.3	126.7	192.0	66.4	134.8	201.2
WEST GERMANY	326.0	403.4	729.4	338.0	421.5	759.5	317.7	402.4	720.1	320.7	431.5	752.2
GREECE	8.5	7.9	16.4	9.2	9.5	18.7	9.0	10.0	19.0	9.0	8.9	17.9
ITALY/MALTA	117.9	236.5	354.4	126.6	233.6	360.2	124.9	229.9	354.8	149.0	286.3	435.3
PORTUGAL	1.6	26.1	27.7	1.7	29.2	30.9	1.4	32.1	33.5	1.1	34.0	35.1
SPAIN	60.8	129.1	189.9	71.7	141.4	213.1	65.0	136.7	201.7	72.3	168.9	241.2
SWITZERLAND	49.8	33.4	83.2	49.1	30.0	79.1	60.7	23.7	84.4	57.1	27.9	85.0
TURKEY	22.1	60.6	82.7	30.0	77.0	107.0	28.0	70.0	98.0	32.4	76.3	108.7
UNITED KINGDOM	180.9	225.2	406.1	171.4	209.7	381.1	125.9	161.7	287.6	100.9	148.4	249.3
TOTAL WESTERN EUROPE	**962.8**	**1381.3**	**2344.1**	**982.8**	**1398.9**	**2381.7**	**880.2**	**1282.7**	**2162.9**	**904.8**	**1392.3**	**2297.1**
EASTERN EUROPE												
ALBANIA	0	0	0	0	0	0	0	0	0	0	0	0
BULGARIA	13.0	33.0	46.0	13.0	35.0	48.0	17.3	37.0	54.3	17.5	39.0	56.5
CZECHOSLOVAKIA	49.0	25.0	74.0	50.0	22.0	72.0	54.0	22.4	76.4	52.5	37.5	90.0
GEPMANY, D.R.	53.5	74.0	127.5	54.6	77.9	132.5	57.0	82.0	139.0	56.0	78.0	134.0
HUNGARY	3.3	15.4	18.7	3.2	14.8	18.0	5.8	14.7	20.5	7.0	14.3	21.3
POLAND	85.2	66.9	152.1	87.4	65.9	153.3	94.5	68.5	163.0	78.7	40.2	118.9
ROMANIA	30.0	100.0	130.0	35.0	105.0	140.0	33.0	103.0	136.0	39.5	114.5	154.0
U.S.S.R.	275.0	200.0	475.0	273.0	203.0	476.0	319.0	231.0	550.0	311.8	261.0	572.8
YUGOSLAVIA	17.0	28.0	45.0	21.0	35.0	56.0	23.0	40.0	63.0	24.0	41.0	65.0
TOTAL EASTERN EUROPE	**526.0**	**542.3**	**1068.3**	**537.2**	**558.6**	**1095.8**	**603.6**	**598.6**	**1202.2**	**587.0**	**625.5**	**1212.5**
TOTAL EUROPE	**1488.8**	**1923.6**	**3412.4**	**1520.0**	**1957.5**	**3477.5**	**1483.8**	**1881.3**	**3365.1**	**1491.8**	**2017.8**	**3509.6**

Y means yarn + monofilaments.

S means staple + tow + fiberfill.

[a] Includes Belgium, Netherlands and Luxembourg.

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
0	16.2	16.2	0	18.0	18.0	0	18.1	18.1	0	21.0	21.0	0	21.0	21.0
70.6	19.2	89.8	61.9	21.3	83.2	62.5	23.0	85.5	96.1	54.0	150.1	93.5	59.0	152.5
12.3	28.0	40.3	11.0	32.0	43.0	11.5	37.5	49.0	12.0	44.5	56.5	12.0	44.5	56.5
0.5	0	0.5	0.5	0	0.5	0.5	0	0.5	0.6	0	0.6	0.6	0	0.6
64.8	125.3	190.1	63.2	135.1	198.3	60.2	133.6	193.8	86.0	133.0	219.0	86.0	133.0	219.0
324.0	377.9	701.9	332.1	425.5	757.6	349.7	421.3	771.0	391.1	446.0	837.1	403.1	446.0	849.1
8.5	9.3	17.8	9.0	10.0	19.0	9.0	10.0	19.0	17.7	12.0	29.7	17.7	12.0	29.7
148.7	280.0	428.7	142.5	312.6	455.1	148.5	370.4	518.9	189.7	429.0	618.7	189.7	414.0	603.7
0.9	38.0	38.9	3.0	39.0	42.0	3.0	40.0	43.0	3.5	49.0	52.5	3.5	49.0	52.5
73.6	157.7	231.3	64.6	165.2	229.8	69.4	159.3	228.7	100.1	222.0	322.1	100.1	222.0	322.1
53.4	27.0	80.4	58.0	28.0	86.0	69.7	28.3	98.0	73.5	31.0	104.5	76.5	31.0	107.5
45.1	90.2	135.3	48.0	101.5	149.5	52.5	108.7	161.2	71.0	160.0	231.0	121.0	180.0	301.0
66.5	137.8	204.3	80.0	147.7	227.7	81.5	154.0	235.5	111.0	225.0	336.0	111.0	195.0	306.0
868.9	**1306.6**	**2175.5**	**873.8**	**1435.9**	**2309.7**	**918.0**	**1504.2**	**2422.2**	**1152.3**	**1826.5**	**2978.8**	**1214.7**	**1806.5**	**3021.2**
0	0	0	0	0	0	0	0	0	0	10.0	10.0	2.0	10.0	12.0
17.5	35.0	52.5	18.0	42.0	60.0	18.0	43.8	61.8	36.0	67.0	103.0	50.0	77.0	127.0
65.0	37.0	102.0	67.0	38.0	105.0	67.0	38.0	105.0	77.0	75.0	152.0	77.0	75.0	152.0
55.0	78.9	133.9	62.0	82.0	144.0	61.0	83.0	144.0	85.0	95.0	180.0	85.0	95.0	180.0
7.6	12.7	20.3	7.6	13.2	20.8	8.0	16.6	24.6	9.0	43.0	52.0	9.0	43.0	52.0
75.4	53.1	128.5	85.4	62.3	147.7	87.4	67.0	154.4	122.0	86.0	208.0	122.0	86.0	208.0
39.0	112.0	151.0	41.0	114.0	155.0	48.0	118.5	166.5	70.0	144.0	214.0	70.0	144.0	214.0
325.8	268.0	593.8	345.0	277.0	622.0	357.0	287.0	644.0	541.0	424.0	965.0	591.0	424.0	1015.0
22.0	40.5	62.5	25.0	44.0	69.0	24.5	52.0	76.5	49.0	87.5	136.5	61.0	87.5	148.5
607.3	**637.2**	**1244.5**	**651.0**	**672.5**	**1323.5**	**670.9**	**705.9**	**1376.8**	**989.0**	**1031.5**	**2020.5**	**1067.0**	**1041.5**	**2108.5**
1476.2	**1943.8**	**3420.0**	**1524.8**	**2108.4**	**3633.2**	**1588.9**	**2210.1**	**3799.0**	**2141.3**	**2858.0**	**4999.3**	**2281.7**	**2848.0**	**5129.7**

TABLE 2B: WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY (EXCEPT OLEFIN) (Continued)

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	**1466.8**	**1751.2**	**3218.0**	**1594.5**	**1889.2**	**3483.7**	**1411.6**	**1830.5**	**3242.1**	**1438.8**	**1836.7**	**3275.5**
OTHER AMERICAS												
ARGENTINA	22.2	17.0	39.2	29.6	22.6	52.2	21.3	12.9	34.2	16.0	8.3	24.3
BOLIVIA	0	0	0	0	0	0	0	0	0	0	0	0
BRAZIL	105.7	74.5	180.2	122.5	91.4	213.9	136.4	95.0	231.4	115.0	86.8	201.8
CANADA	72.2	50.9	123.1	73.1	48.5	121.6	74.0	48.0	122.0	65.9	40.0	105.9
CHILE	4.4	1.5	5.9	5.0	2.4	7.4	5.0	2.5	7.5	5.0	2.5	7.5
COLOMBIA	33.2	7.8	41.0	28.7	8.0	36.7	28.2	10.9	39.1	32.8	11.2	44.0
COSTA RICA	2.0	0	2.0	2.0	0	2.0	3.0	0	3.0	3.2	0	3.2
ECUADOR	2.5	0	2.5	3.4	0	3.4	3.5	0	3.5	3.5	0	3.5
GUATEMALA	0	0	0	+	0	+	0	0	0	0	0	0
MEXICO	123.4	75.9	199.3	136.1	93.0	229.1	137.0	102.4	239.4	133.0	111.0	244.0
PERU	5.6	20.5	26.1	7.0	21.0	28.0	10.5	22.5	33.0	10.1	21.1	31.2
URUGUAY	1.1	+	1.1	1.1	2.4	3.5	1.1	2.6	3.7	0.9	2.1	3.0
VENEZUELA	11.5	5.5	17.0	11.7	6.1	17.8	11.5	6.0	17.5	7.5	6.0	13.5
TOTAL OTHER AMERICAS	**383.8**	**253.6**	**637.4**	**420.2**	**295.4**	**715.6**	**431.5**	**302.6**	**734.3**	**392.9**	**289.0**	**681.9**
JAPAN	**629.0**	**747.0**	**1376.0**	**631.2**	**731.9**	**1363.1**	**625.7**	**731.1**	**1356.8**	**607.0**	**721.8**	**1328.8**
OTHER AFRICA, ASIA & OCEANIA												
AUSTRALIA/NZ	18.1	1.1	19.2	16.4	0.5	16.9	12.0	+	12.0	10.0	0	10.0
BANGLADESH	0.5	0	0.5	0.2	0	0.2	0.3	0	0.3	0.2	0	0.2
CHINA, P.R.C.	30.0	106.6	136.6	36.0	128.0	164.0	43.0	205.0	248.0	55.0	292.0	347.0
EGYPT	0.8	0.4	1.2	1.5	0.4	1.9	1.8	5.0	6.8	2.0	5.0	7.0
INDIA	32.8	25.7	58.5	35.8	27.8	63.6	39.7	30.8	70.5	50.9	39.8	90.7
INDONESIA	21.3	45.4	66.7	22.7	50.3	73.0	41.5	53.9	95.4	46.4	55.1	101.5
IRAN	9.0	+	9.0	5.0	0	5.0	6.0	0	6.0	10.0	10.0	20.0
ISRAEL	8.9	6.2	15.1	9.9	6.4	16.3	10.5	6.6	17.1	10.5	6.8	17.3
KENYA	0	0	0	+	0	+	1.0	0	1.0	1.0	0	1.0
KOREA, REP OF	208.0	224.5	432.5	237.2	240.1	477.3	255.2	281.2	536.4	284.0	326.4	610.4
MALAYSIA	0	33.0	33.0	0	35.0	35.0	0	36.0	36.0	0	35.0	35.0
NIGERIA	+	3.0	3.0	3.0	4.0	7.0	2.5	2.5	5.0	2.7	4.0	6.7
PAKISTAN	1.9	0	1.9	2.0	0	2.0	1.5	0	1.5	1.5	0	1.5
PHILIPPINES	16.0	8.6	24.6	25.0	11.6	36.6	30.0	14.0	44.0	32.0	14.0	46.0
SOUTH AFRICA	29.4	16.5	45.9	32.2	19.5	51.7	33.5	20.0	53.5	32.6	20.0	52.6
SRI LANKA	0	0	0	0	0	0	0	0	0	0.8	0	0.8
TAIWAN	223.5	240.7	464.2	256.8	264.5	521.3	264.6	293.2	557.8	298.2	288.8	587.0
TANZANIA	0	0	0	0	0	0	0	0	0	0	0	0
THAILAND	34.7	43.6	78.3	39.7	49.9	89.6	36.5	49.5	86.0	40.4	56.3	96.7
TOTAL OTHER A., A. & O.	**634.9**	**755.3**	**1390.2**	**723.4**	**838.0**	**1561.4**	**779.6**	**997.7**	**1777.3**	**878.2**	**1153.2**	**2031.4**
TOTAL WORLD	**4603.4**	**5431.0**	**10034.4**	**4889.4**	**5712.0**	**10601.4**	**4732.3**	**5743.4**	**10475.7**	**4808.7**	**6018.5**	**10827.2**

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
1121.4	**1481.7**	**2603.1**	**1293.5**	**1715.0**	**3008.5**	**1259.8**	**1677.1**	**2936.9**	**1515.4**	**2091.0**	**3606.4**	**1545.8**	**2085.1**	**3630.9**
18.1	11.9	30.0	24.2	16.0	40.2	25.0	19.6	44.6	46.2	32.0	78.2	46.2	32.0	78.2
1.0	0	1.0	2.0	0	2.0	0	0	0	5.0	0	5.0	5.0	0	5.0
116.0	82.1	198.1	105.7	79.6	185.3	118.2	97.6	215.8	164.7	121.9	286.6	164.7	123.1	287.8
52.0	45.0	97.0	59.3	53.0	112.3	62.3	59.0	121.3	86.9	74.0	160.9	86.9	74.0	160.9
4.6	0.8	5.4	4.7	1.0	5.7	5.4	1.1	6.5	10.7	6.0	16.7	10.7	6.0	16.7
26.0	12.0	38.0	28.0	12.0	40.0	30.0	12.0	42.0	57.4	15.0	72.4	57.4	15.0	72.4
3.5	0	3.5	3.5	0	3.5	3.5	0	3.5	8.0	0	8.0	8.0	0	8.0
4.0	0	4.0	4.0	0	4.0	4.0	0	4.0	7.0	0	7.0	7.0	7.3	14.3
0	0	0	0	0	0	0	0	0	2.0	0	2.0	2.0	0	2.0
122.1	115.4	237.5	132.2	131.0	263.2	137.2	148.0	285.2	192.2	192.2	384.4	202.9	192.2	395.1
10.4	29.4	39.8	11.5	29.4	40.9	12.0	29.4	41.4	16.0	38.5	54.5	16.0	38.5	54.5
0.9	2.3	3.2	1.3	3.7	5.0	1.3	3.4	4.7	2.5	4.0	6.5	2.5	4.0	6.5
8.2	3.6	11.8	9.7	4.0	13.7	10.2	5.5	15.7	13.2	7.8	21.0	13.2	7.8	21.0
366.8	**302.5**	**669.3**	**386.1**	**329.7**	**715.8**	**409.1**	**375.6**	**784.7**	**611.8**	**491.4**	**1103.2**	**622.5**	**499.9**	**1122.4**
596.2	**708.2**	**1304.4**	**597.3**	**720.9**	**1318.2**	**634.0**	**735.3**	**1369.3**	**773.0**	**881.0**	**1654.0**	**773.0**	**881.0**	**1654.0**
14.5	0	14.5	14.5	1.0	15.5	14.5	1.0	15.5	26.5	1.5	28.0	26.5	1.5	28.0
0.2	0	0.2	0.2	5.0	5.2	0.3	10.0	10.3	0.9	36.0	36.9	0.9	36.0	36.9
67.0	302.0	369.0	75.0	325.0	400.0	115.0	586.0	701.0	230.0	785.0	1015.0	260.0	835.0	1095.0
3.3	10.6	13.9	3.5	12.6	16.1	4.0	14.6	18.6	9.0	59.6	68.6	9.0	67.6	76.6
62.0	44.2	106.2	87.2	40.4	127.6	97.8	55.2	153.0	152.5	162.1	314.6	159.4	184.1	343.5
60.9	55.2	116.1	60.5	54.5	115.0	75.5	73.3	148.8	95.0	112.0	207.0	111.0	112.0	223.0
13.0	15.0	28.0	18.0	22.0	40.0	18.0	23.0	41.0	51.7	37.7	89.4	51.7	37.7	89.4
11.5	7.0	18.5	11.6	7.0	18.6	12.4	7.0	19.4	16.0	7.5	23.5	16.0	7.5	23.5
1.0	0	1.0	3.1	0	3.1	4.5	1.0	5.5	11.0	5.4	16.4	14.0	5.4	19.4
301.4	311.0	612.4	336.3	327.6	663.9	369.3	376.9	746.2	380.4	381.5	761.9	420.4	421.5	841.9
0	32.0	32.0	0	35.0	35.0	0	35.5	35.5	0	37.8	37.8	0	37.5	37.5
1.2	1.1	2.3	2.5	2.5	5.0	3.0	3.0	6.0	5.0	5.0	10.0	5.0	5.0	10.0
5.1	6.9	12.0	9.3	12.0	21.3	13.9	20.3	34.2	19.4	66.0	85.4	27.5	66.0	93.5
35.0	15.0	50.0	37.0	16.0	53.0	37.0	16.0	53.0	43.0	18.0	61.0	43.0	18.0	61.0
35.0	20.0	55.0	36.0	21.0	57.0	36.0	21.0	57.0	51.0	30.0	81.0	53.0	30.0	83.0
1.0	0	1.0	1.0	0	1.0	1.0	0	1.0	2.7	0	2.7	2.7	0	2.7
280.8	350.1	630.9	323.4	414.0	737.4	417.9	448.0	865.9	505.0	550.0	1055.0	585.0	625.0	1210.0
1.0	0	1.0	2.0	0	2.0	2.0	0	2.0	5.0	0	5.0	5.0	0	5.0
31.1	48.0	79.1	32.0	50.0	82.0	37.0	52.4	89.4	74.0	65.3	139.3	74.0	65.3	139.3
925.0	**1218.1**	**2143.1**	**1053.1**	**1345.6**	**2398.7**	**1259.1**	**1744.2**	**3003.3**	**1678.1**	**2360.4**	**4038.5**	**1864.1**	**2555.1**	**4419.2**
4485.6	**5654.3**	**10139.9**	**4854.8**	**6219.6**	**11074.4**	**5150.9**	**6742.3**	**11893.2**	**6719.6**	**8681.8**	**15401.4**	**7087.1**	**8869.1**	**15956.2**

TABLE 3A: WORLD CELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY

THOUSAND METRIC TONS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE												
AUSTRIA	11.3	96.0	107.3	12.0	98.8	110.8	15.3	100.6	115.9	15.6	107.9	123.5
BELGIUM/NETHERLANDS	36.0	23.6	59.6	36.1	26.9	63.0	37.4	22.0	59.4	38.3	14.6	52.9
FINLAND	1.2	42.8	44.0	1.2	48.0	49.2	0.6	47.2	47.8	0	46.6	46.6
FRANCE	19.3	55.2	74.5	18.5	58.9	77.4	16.4	49.6	66.0	11.0	42.9	53.9
WEST GERMANY	59.7	49.0	108.7	58.1	50.0	108.1	65.2	46.0	111.2	65.0	50.0	115.0
GREECE	7.2	0	7.2	7.2	0	7.2	7.2	0	7.2	7.2	0	7.2
ITALY	39.3	46.9	86.2	38.4	39.0	77.4	36.6	27.5	64.1	35.1	24.4	59.5
NORWAY	0	28.4	28.4	0	29.3	29.3	0	28.4	28.4	0	28.4	28.4
PORTUGAL	2.1	1.2	3.3	2.5	1.7	4.2	2.7	0.7	3.4	2.9	0.3	3.2
SPAIN	13.8	46.6	60.4	12.6	45.3	57.9	12.8	40.1	52.9	12.6	37.8	50.4
SWEDEN	0	36.9	36.9	0	36.9	36.9	0	34.9	34.9	0	34.7	34.7
SWITZERLAND	4.1	0	4.1	3.3	0	3.3	1.8	0	1.8	+	0	+
TURKEY	0.3	4.0	4.3	0.3	6.0	6.3	0.3	5.0	5.3	0.3	5.0	5.3
UNITED KINGDOM	59.7	124.4	184.1	59.2	139.2	198.4	36.7	109.3	146.0	27.0	102.4	129.4
TOTAL WESTERN EUROPE	**254.0**	**555.0**	**809.0**	**249.4**	**580.0**	**829.4**	**233.0**	**511.3**	**744.3**	**215.0**	**495.0**	**710.0**
EASTERN EUROPE												
BULGARIA	3.2	27.8	31.0	3.2	30.0	33.2	3.3	33.0	36.3	4.3	34.7	39.0
CZECHOSLOVAKIA	21.5	49.5	71.0	22.0	36.0	58.0	19.8	34.9	54.7	18.2	36.0	54.2
GERMANY, D.R.	34.0	129.2	163.2	35.0	130.0	165.0	36.5	132.0	168.5	37.0	132.0	169.0
HUNGARY	0	9.0	9.0	0	8.6	8.6	0	9.0	9.0	0	7.5	7.5
POLAND	28.0	65.4	93.4	27.2	56.6	83.8	25.4	61.0	86.4	19.5	44.4	63.9
ROMANIA	9.5	53.0	62.5	9.7	55.0	64.7	9.5	54.0	63.5	9.6	55.0	64.6
USSR	300.0	335.0	635.0	298.0	337.0	635.0	305.0	345.0	650.0	300.0	345.5	645.5
YUGOSLAVIA	15.0	57.0	72.0	15.5	58.0	73.5	15.0	58.0	73.0	15.0	58.0	73.0
TOTAL EASTERN EUROPE	**411.2**	**725.9**	**1137.1**	**410.6**	**711.2**	**1121.8**	**414.5**	**726.9**	**1141.4**	**403.6**	**713.1**	**1116.7**
TOTAL EUROPE	**665.2**	**1280.9**	**1946.1**	**660.0**	**1291.2**	**1951.2**	**647.5**	**1238.2**	**1885.7**	**618.6**	**1208.1**	**1826.7**

Y means yarn + monofilaments.

S means staple + tow + fiberfill.

These totals do not include data for the Indonesian pilot plant nor production of cellulosic fibers in North Korea.

Production and producing capacity by country, divided as between rayon and acetate yarn, is given on page 116. Also note page 117 for data on production of acetate staple and cigarette tow.

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
13.8	100.8	114.6	11.4	109.7	121.1	14.8	114.0	128.8	15.4	113.0	128.4	15.4	113.0	128.4
38.1	8.9	47.0	41.1	6.1	47.2	41.1	0	41.1	43.9	0	43.9	43.9	0	43.9
0	53.1	53.1	0	57.6	57.6	0	58.0	58.0	0	61.0	61.0	0	61.0	61.0
8.6	36.9	45.5	8.4	29.5	37.9	7.5	19.0	26.5	10.0	20.0	30.0	10.0	20.0	30.0
61.0	50.0	111.0	59.0	55.0	114.0	66.0	55.0	121.0	68.0	55.0	123.0	68.0	55.0	123.0
7.2	0	7.2	6.3	0	6.3	6.0	0	6.0	7.5	0	7.5	7.5	0	7.5
31.6	14.2	45.8	29.3	0	29.3	30.6	0	30.6	41.0	0	41.0	41.0	0	41.0
0	20.0	20.0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	0	3.1	3.5	0	3.5	3.5	0	3.5	4.0	0	4.0	4.0	0	4.0
11.3	31.8	43.1	10.5	21.5	32.0	7.2	26.1	33.3	20.5	35.0	55.5	20.5	35.0	55.5
0	38.0	38.0	0	39.3	39.3	0	40.1	40.1	0	45.0	45.0	0	45.0	45.0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.3	5.3	5.6	0.3	4.0	4.3	0.3	4.5	4.8	0.5	8.0	8.5	0.5	8.0	8.5
24.0	89.2	113.2	25.0	115.2	140.2	21.0	106.2	127.2	32.5	116.0	148.5	32.5	116.0	148.5
199.0	**448.2**	**647.2**	**194.8**	**437.9**	**632.7**	**198.0**	**422.9**	**620.9**	**243.3**	**453.0**	**696.3**	**243.3**	**453.0**	**696.3**
4.0	34.0	38.0	4.1	35.0	39.1	4.1	37.1	41.2	5.0	42.0	47.0	5.0	42.0	47.0
19.6	35.5	55.1	20.1	37.9	58.0	20.5	38.6	59.1	25.0	57.0	82.0	25.0	57.0	82.0
34.0	127.8	161.8	35.0	130.1	165.1	35.2	135.0	170.2	38.5	152.0	190.5	38.5	152.0	190.5
0	7.6	7.6	0	6.4	6.4	0	7.0	7.0	0	10.0	10.0	0	10.0	10.0
19.3	45.1	64.4	18.2	51.2	69.4	19.5	56.0	75.5	31.5	71.5	103.0	31.5	71.5	103.0
8.2	50.0	58.2	8.5	51.0	59.5	8.5	51.0	59.5	10.0	170.0	180.0	10.0	170.0	180.0
294.4	340.5	634.9	300.0	345.0	645.0	307.0	345.0	652.0	340.0	353.0	693.0	340.0	353.0	693.0
13.0	55.0	68.0	14.0	58.0	72.0	14.0	55.0	69.0	17.0	60.0	77.0	17.0	60.0	77.0
392.5	**695.5**	**1088.0**	**399.9**	**714.6**	**1114.5**	**408.8**	**724.7**	**1133.5**	**467.0**	**915.5**	**1382.5**	**467.0**	**915.5**	**1382.5**
591.5	**1143.7**	**1735.2**	**594.7**	**1152.5**	**1747.2**	**606.8**	**1147.6**	**1754.4**	**710.3**	**1368.5**	**2078.8**	**710.3**	**1368.5**	**2078.8**

TABLE 3B: WORLD CELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY *(continued)*

THOUSAND METRIC TONS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	**164.6**	**245.7**	**410.3**	**169.4**	**252.4**	**421.8**	**161.3**	**204.3**	**365.6**	**138.6**	**210.7**	**349.3**
OTHER AMERICAS												
ARGENTINA	4.4	3.8	8.2	5.1	4.7	9.8	2.0	1.5	3.5	1.0	0	1.0
BRAZIL	24.1	22.4	46.5	24.4	25.5	49.9	26.0	25.3	51.3	21.0	25.3	46.3
CANADA	12.3	26.8	39.1	14.1	31.3	45.4	14.0	30.0	44.0	13.5	28.2	41.7
CHILE	0.8	3.3	4.1	1.0	3.0	4.0	1.0	3.0	4.0	1.0	3.0	4.0
COLOMBIA	3.4	0	3.4	3.4	0	3.4	2.4	0	2.4	1.8	0	1.8
CUBA	2.3	3.7	6.0	2.4	3.8	6.2	2.2	3.8	6.0	2.2	3.8	6.0
MEXICO	17.2	10.5	27.7	17.1	10.3	27.4	16.8	11.0	27.8	16.6	11.3	27.9
PERU	1.1	0	1.1	1.3	0	1.3	1.5	0	1.5	1.3	0	1.3
URUGUAY	1.3	0	1.3	1.4	0	1.4	1.3	0	1.3	1.0	0	1.0
VENEZUELA	3.0	0	3.0	3.0	0	3.0	2.8	0	2.8	2.8	0	2.8
TOTAL OTHER AMERICAS	**69.9**	**70.5**	**140.4**	**73.2**	**78.6**	**151.8**	**70.0**	**74.6**	**144.6**	**62.2**	**71.6**	**133.8**
JAPAN	**109.8**	**279.4**	**389.2**	**114.3**	**290.4**	**404.7**	**119.3**	**278.0**	**397.3**	**118.7**	**273.5**	**392.2**
OTHER AFRICA, ASIA & OCEANIA												
BANGLADESH	3.0	0	3.0	4.1	0	4.1	3.5	0	3.5	3.0	0	3.0
CHINA, P.R.C.	65.0	80.0	145.0	68.0	85.0	153.0	75.0	95.0	170.0	80.0	105.0	185.0
EGYPT	6.0	3.7	9.7	5.8	4.2	10.0	6.0	4.0	10.0	6.0	4.0	10.0
INDIA	62.4	92.0	154.4	60.5	92.2	152.7	57.7	74.7	132.4	55.9	94.5	150.4
INDONESIA	0	0	0	0	0	0	0	0	0	0	0	0
IRAQ	3.0	5.5	8.5	2.9	5.4	8.3	3.0	5.5	8.5	3.0	5.5	8.5
KOREA, REP. OF	12.7	10.0	22.7	13.2	10.4	23.6	12.4	15.0	27.4	12.8	13.9	26.7
PAKISTAN	2.3	0	2.3	2.0	0	2.0	2.7	0	2.7	2.4	0	2.4
TAIWAN	3.1	66.9	70.0	3.0	70.0	73.0	3.0	75.3	78.3	3.0	96.7	99.7
THAILAND	0	13.5	13.5	0	15.1	15.1	0	16.4	16.4	0	16.4	16.4
TOTAL A., A. & O	**157.5**	**271.6**	**429.1**	**159.5**	**282.3**	**441.8**	**163.3**	**285.9**	**449.2**	**166.1**	**336.0**	**502.1**
TOTAL WORLD	**1167.0**	**2148.1**	**3315.1**	**1176.4**	**2194.9**	**3371.3**	**1161.4**	**2081.0**	**3242.4**	**1104.2**	**2099.9**	**3204.1**

			ACTUAL PRODUCTION						PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
103.6	**181.0**	**284.6**	**119.7**	**170.6**	**290.3**	**108.4**	**176.7**	**285.1**	**122.0**	**233.1**	**355.1**	**122.0**	**233.1**	**355.1**
1.6	0	1.6	1.7	0	1.7	1.8	1.5	3.3	9.0	10.0	19.0	9.0	10.0	19.0
20.8	24.2	45.0	18.4	22.0	40.4	17.7	29.0	46.7	22.2	31.2	53.4	22.2	31.2	53.4
9.5	28.0	37.5	10.0	30.0	40.0	10.0	31.0	41.0	14.5	38.0	52.5	14.5	38.0	52.5
1.0	3.2	4.2	1.0	3.2	4.2	1.2	3.7	4.9	1.5	5.4	6.9	1.5	5.4	6.9
1.8	0	1.8	1.8	0	1.8	1.8	0	1.8	3.5	0	3.5	3.5	0	3.5
2.1	3.6	5.7	2.0	3.5	5.5	2.0	3.5	5.5	3.0	5.0	8.0	3.0	5.0	8.0
14.1	5.4	19.5	10.8	5.0	15.8	10.9	4.0	14.9	15.0	0	15.0	15.0	0	15.0
1.0	0	1.0	1.0	0	1.0	1.7	0	1.7	1.7	0	1.7	1.7	0	1.7
0.6	0	0.6	1.0	0	1.0	1.0	0	1.0	1.0	0	1.0	1.0	0	1.0
1.2	0	1.2	1.5	0	1.5	1.5	0	1.5	2.4	0	2.4	2.4	0	2.4
53.7	**64.4**	**118.1**	**49.2**	**63.7**	**112.9**	**49.6**	**72.7**	**122.3**	**73.8**	**89.6**	**163.4**	**73.8**	**89.6**	**163.4**
120.5	**258.8**	**379.3**	**116.8**	**271.0**	**387.8**	**110.8**	**266.6**	**377.4**	**135.9**	**300.0**	**435.9**	**135.9**	**300.0**	**435.9**
2.5	0	2.5	2.5	1.0	3.5	2.5	1.0	3.5	5.4	5.0	10.4	5.4	5.0	10.4
80.0	105.0	185.0	85.0	112.0	197.0	87.0	115.0	202.0	100.0	130.0	230.0	100.0	130.0	230.0
7.0	4.5	11.5	7.0	4.6	11.6	7.0	4.6	11.6	7.0	5.4	12.4	7.0	5.4	12.4
48.6	52.8	101.4	46.2	69.9	116.1	44.2	94.0	138.2	70.0	120.8	190.8	70.0	166.6	236.6
0	10.1	10.1	0	12.0	12.0	0	12.6	12.6	0	36.0	36.0	0	36.0	36.0
3.0	5.5	8.5	3.0	5.5	8.5	3.0	5.5	8.5	3.5	6.5	10.0	3.5	6.5	10.0
9.9	5.8	15.7	12.9	0	12.9	12.8	0	12.8	14.0	28.1	42.1	14.0	28.1	42.1
1.8	0	1.8	2.7	0	2.7	3.1	0	3.1	3.3	0	3.3	3.3	0	3.3
3.3	89.5	92.8	3.0	98.5	101.5	2.5	125.5	128.0	4.3	130.0	134.3	4.3	130.0	134.3
0	15.5	15.5	0	17.5	17.5	0	18.0	18.0	0	18.2	18.2	0	18.2	18.2
156.1	**288.7**	**444.8**	**162.3**	**321.0**	**483.3**	**162.1**	**376.2**	**538.3**	**207.5**	**480.0**	**687.5**	**207.5**	**525.8**	**733.3**
1025.4	**1916.6**	**2942.0**	**1042.7**	**1978.8**	**3021.5**	**1037.7**	**2039.8**	**3077.5**	**1249.5**	**2471.2**	**3720.7**	**1249.5**	**2517.0**	**3766.5**

TABLE 4: RAYON VS. ACETATE FILAMENT YARN PRODUCTION & PRODUCING CAPACITY BY COUNTRY

THOUSAND METRIC TONS

COUNTRY	ACTUAL PRODUCTION																					PRODUCING CAPACITY					
	1978			1979			1980			1981			1982			1983			1984			1985			1986		
	H	R+C	A	H	R+C	A	H	R+C	A	H	R+C	A	H	R+C	A	H	R+C	A	H	R+C	A	H	R+C	A	H	R+C	A
WESTERN EUROPE																											
AUSTRIA	8	3	0	8	4	0	11	4	0	11	5	0	9	5	0	8	4	0	10	5	0	10	5	0	10	5	0
BELGIUM/NETHERLANDS	15	15	6	14	15	7	15	16	6	16	16	6	14	16	6	18	17	7	17	16	7	19	17	8	19	17	8
FRANCE	9	10	0	9	9	0	8	9	0	2	9	0	0	9	0	0	8	0	0	7	0	0	10	0	0	10	0
WEST GERMANY[c]	35	23	2	33	23	2	40	24	1	39	25	1	40	21	0	39	20	0	45	21	0	43	25	0	43	25	0
ITALY[c]	11	11	17	11	9	18	11	5	21	11	5	19	9	3	19	9	2	18	11	2	18	12	9	20	12	9	20
SPAIN	6	5	3	5	5	3	6	4	3	6	3	3	4	4	3	3	4	3	+	4	3	9	9	4	9	9	4
UNITED KINGDOM	15	10	35	11	10	38	1	2	34	0	0	27	0	0	24	0	0	25	0	0	21	0	0	33	0	0	33
OTHER[a]	0	15	0	0	15	0	0	12	0	0	11	0	0	10	0	0	10	0	0	10	0	0	12	0	0	12	0
TOTAL WESTERN EUROPE	**99**	**92**	**63**	**91**	**90**	**68**	**92**	**76**	**65**	**85**	**74**	**56**	**76**	**68**	**52**	**77**	**65**	**53**	**83**	**65**	**49**	**93**	**87**	**65**	**93**	**87**	**65**
EASTERN EUROPE																											
BULGARIA	0	3	0	0	3	0	0	3	0	0	4	0	0	4	0	0	4	0	0	4	0	0	5	0	0	5	0
CZECHOSLOVAKIA	10	12	0	10	12	0	9	11	0	8	10	0	8	12	0	8	12	0	8	12	0	11	14	0	11	14	0
GERMANY, D.R.	13	21	0	13	22	0	14	23	0	14	23	0	13	21	0	14	22	0	14	22	0	15	24	0	15	24	0
POLAND	8	20	0	7	20	0	7	18	0	5	15	0	4	15	0	4	14	0	5	15	0	9	23	0	9	23	0
ROMANIA	6	3	0	6	4	0	6	4	0	6	4	0	5	3	0	5	3	0	5	3	0	6	4	0	6	4	0
USSR[c]	165	80	55	163	80	55	165	85	55	165	80	55	160	80	54	162	83	55	165	85	57	170	100	70	170	100	70
YUGOSLAVIA	7	8	0	7	9	0	7	8	0	7	8	0	6	7	0	7	7	0	7	7	0	8	9	0	8	9	0
TOTAL EASTERN EUROPE	**209**	**147**	**55**	**206**	**150**	**55**	**208**	**152**	**55**	**205**	**144**	**55**	**196**	**142**	**54**	**200**	**145**	**55**	**204**	**148**	**57**	**219**	**179**	**70**	**219**	**179**	**70**
U.S.A.[c]	**21**	**7**	**137**	**19**	**7**	**143**	**14**	**7**	**140**	**15**	**7**	**117**	**9**	**6**	**88**	**11**	**6**	**103**	**13**	**6**	**90**	**21**	**7**	**122**	**21**	**7**	**122**
OTHER AMERICAS																											
ARGENTINA	1	2	1	1	3	1	1	1	+	0	+	1	0	0	2	0	0	2	0	0	2	0	6	3	0	6	3
BRAZIL	8	12	4	7	15	3	6	16	4	4	14	3	4	15	2	3	14	1	4	12	2	5	16	2	5	16	2
CANADA	0	0	12	0	0	14	0	0	14	0	0	13	0	0	10	0	0	10	0	0	10	0	0	15	0	0	15
CHILE	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0
COLOMBIA	0	0	4	0	0	4	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	4	0	0	4
CUBA	2	+	0	2	+	0	2	+	0	2	+	0	2	+	0	2	+	0	2	0	0	3	0	0	3	0	0
MEXICO	3	6	9	3	6	8	3	6	8	3	6	8	3	5	6	3	2	6	2	2	6	3	4	9	3	4	9
PERU	0	+	1	0	+	1	0	0	2	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2
URUGUAY	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
VENEZUELA	0	0	3	0	0	3	0	0	3	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2
TOTAL OTHER AMERICAS	**14**	**21**	**35**	**13**	**25**	**35**	**12**	**24**	**34**	**9**	**21**	**32**	**9**	**21**	**25**	**8**	**17**	**24**	**8**	**15**	**27**	**11**	**28**	**38**	**11**	**28**	**38**
JAPAN[c]	**4**	**78**	**28**	**3**	**80**	**31**	**3**	**84**	**32**	**4**	**82**	**32**	**4**	**83**	**34**	**3**	**82**	**32**	**2**	**78**	**31**	**10**	**92**	**34**	**10**	**92**	**34**
OTHER AFRICA, ASIA & OCEANIA																											
INDIA	18	42	2	17	42	2	14	42	2	14	40	2	11	36	2	10	35	1	10	33	1	21	46	3	21	46	3
PAKISTAN	0	0	2	0	0	2	0	0	3	0	0	2	0	0	2	0	0	3	0	0	3	0	0	3	0	0	3
REP. OF KOREA	0	11	2	0	11	2	0	10	2	0	11	2	0	8	2	0	11	2	0	11	2	0	12	2	0	12	2
OTHER[b]	0	80	0	0	84	0	0	90	0	0	95	0	0	97	0	0	100	0	0	102	0	0	120	0	0	120	0
TOTAL A, A+O	**18**	**133**	**6**	**17**	**137**	**6**	**14**	**142**	**7**	**14**	**146**	**6**	**11**	**141**	**6**	**10**	**146**	**6**	**10**	**146**	**6**	**21**	**178**	**8**	**21**	**178**	**8**
WORLD TOTAL	**365**	**478**	**324**	**349**	**489**	**338**	**343**	**485**	**333**	**332**	**474**	**298**	**305**	**461**	**259**	**309**	**461**	**273**	**320**	**458**	**260**	**375**	**571**	**337**	**375**	**571**	**337**

H Means high tenacity (tire & industrial type) viscose rayon yarn.
R Means regular + intermediate tenacity viscose rayon yarn.
C Means cuprammonium rayon yarn.
A Means acetate + triacetate yarn.

a. Comprises Finland, Greece, Portugal, Switzerland and Turkey.
b. Comprises Bangladesh, People's Republic of China, Egypt, Iraq and Taiwan.
c. Produces both regular + intermediate rayon yarn and cuprammonium rayon yarn.

TABLE 5: WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY FIBER (EXCEPT OLEFIN)

THOUSAND METRIC TONS

FIBER & AREA	ACTUAL PRODUCTION																					PRODUCING CAPACITY					
	1978			1979			1980			1981			1982			1983			1984			1985			1986		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
ACRYLIC + MODACRYLIC																											
WEST EUROPE	+	794	794	+	795	795	+	737	737	+	807	807	0	753	753	0	831	831	1	871	872	1	1030	1031	1	1005	1006
EAST EUROPE	0	200	200	0	213	213	0	217	217	0	211	211	0	209	209	0	220	220	0	226	226	0	306	306	0	306	306
U.S.A.	0	329	329	0	345	345	0	355	355	0	313	313	0	283	283	0	304	304	0	304	304	0	340	340	0	306	306
OTHER AMERICAS	0	98	98	0	108	108	0	114	114	0	106	106	0	121	121	0	130	130	0	141	141	0	183	183	0	184	184
JAPAN	3	370	373	4	355	359	3	350	353	1	347	348	3	344	347	2	355	357	2	367	369	6	398	404	6	398	404
OTHER A. A. & O.	0	227	227	0	249	249	0	284	284	0	305	305	0	348	348	0	365	365	0	422	422	0	515	515	0	560	560
TOTAL	**3**	**2018**	**2021**	**4**	**2065**	**2069**	**3**	**2057**	**2060**	**1**	**2089**	**2090**	**3**	**2058**	**2061**	**2**	**2205**	**2207**	**3**	**2331**	**2334**	**7**	**2772**	**2779**	**7**	**2759**	**2766**
NYLON + ARAMID																											
WEST EUROPE	566	150	716	571	148	719	521	128	649	521	129	650	474	107	581	488	117	605	493	135	628	630	185	815	627	190	817
EAST EUROPE	405	31	436	414	31	445	461	55	516	454	79	533	460	83	543	486	81	567	489	81	570	702	99	801	722	99	821
U.S.A.	750	407	1157	808	426	1234	740	330	1070	717	341	1058	563	311	874	677	420	1097	715	379	1094	842	486	1328	852	514	1366
OTHER AMERICAS	187	22	209	205	23	228	208	23	231	181	20	201	176	21	197	183	22	205	203	22	225	306	40	346	306	40	346
JAPAN	293	16	309	296	17	313	300	18	318	282	19	301	265	19	284	271	18	289	288	19	307	320	24	344	320	24	344
OTHER A. A. & O.	309	3	312	332	3	335	365	2	367	393	3	396	385	3	388	402	4	406	453	5	458	692	52	744	728	51	779
TOTAL	**2510**	**629**	**3139**	**2626**	**648**	**3274**	**2595**	**556**	**3151**	**2548**	**591**	**3139**	**2323**	**544**	**2867**	**2507**	**662**	**3169**	**2641**	**641**	**3282**	**3492**	**886**	**4378**	**3555**	**918**	**4473**
POLYESTER																											
WEST EUROPE	393	429	822	407	445	852	359	407	766	378	449	827	389	438	827	380	479	859	418	489	907	513	599	1112	579	600	1179
EAST EUROPE	112	304	416	118	308	426	135	321	456	132	334	466	147	342	489	165	368	533	182	395	577	286	618	904	344	629	973
U.S.A.	710	1014	1724	779	1117	1896	663	1146	1809	712	1182	1894	550	887	1437	617	991	1608	544	994	1538	660	1265	1925	680	1265	1945
OTHER AMERICAS	196	134	330	214	164	378	223	166	389	210	163	373	190	160	350	202	178	380	206	213	419	305	269	574	315	276	591
JAPAN	318	319	637	314	318	632	305	321	626	310	321	631	314	314	628	310	320	630	327	320	647	419	356	775	419	356	775
OTHER A. A. & O.	321	500	821	386	556	942	409	672	1081	479	795	1274	533	817	1350	644	921	1565	799	1262	2061	970	1728	2698	1120	1878	2998
TOTAL	**2050**	**2700**	**4750**	**2218**	**2908**	**5126**	**2094**	**3033**	**5127**	**2221**	**3244**	**5465**	**2123**	**2958**	**5081**	**2318**	**3257**	**5575**	**2476**	**3673**	**6149**	**3153**	**4835**	**7988**	**3457**	**5004**	**8461**
OTHER FIBER[b] (EXCEPT OLEFIN)																											
WEST EUROPE	3	9	12	5	11	16	6	11	17	6	7	13	6	9	15	6	9	15	6	9	15	8	12	20	8	12	20
EAST EUROPE	9	7	16	5	7	12	+	4	4	1	3	4	1	3	4	+	3	3	+	4	4	1	8	9	1	8	9
U.S.A.	7	1	8	8	1	9	9	+	9	10	1	11	8	1	9	+	+	+	+	+	+	14	0	14	14	0	14
OTHER AMERICAS	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1
JAPAN	15	42	57	17	42	59	18	43	61	14	33	47	14	31	45	14	28	42	17	29	46	28	103	131	28	103	131
OTHER A. A. & O.	5	25	30	5	30	35	6	40	46	7	50	57	7	50	57	7	55	62	7	55	62	16	65	81	16	65	81
TOTAL	**40**	**84**	**124**	**41**	**91**	**132**	**40**	**98**	**138**	**39**	**94**	**133**	**37**	**94**	**131**	**28**	**95**	**123**	**31**	**97**	**128**	**68**	**188**	**256**	**68**	**188**	**256**
TOTAL FIBERS ABOVE																											
WEST EUROPE	962	1382	2344	983	1399	2382	886	1283	2169	905	1392	2297	869	1307	2176	874	1436	2310	918	1504	2422	1152	1826	2978	1215	1807	3022
EAST EUROPE	526	542	1068	537	559	1096	596	597	1193	587	627	1214	608	637	1245	651	672	1323	671	706	1377	989	1031	2020	1067	1042	2109
U.S.A.	1467	1751	3218	1595	1889	3484	1412	1831	3243	1439	1837	3276	1121	1482	2603	1294	1715	3009	1259	1677	2936	1516	2091	3607	1546	2085	3631
OTHER AMERICAS	384	254	638	420	295	715	432	303	735	392	289	681	367	302	669	386	330	716	410	376	786	612	492	1104	622	500	1122
JAPAN	629	747	1376	631	732	1363	626	732	1358	607	720	1327	596	708	1304	597	721	1318	634	735	1369	773	881	1654	773	881	1654
OTHER A. A. & O.	635	755	1390	723	838	1561	780	998	1778	879	1153	2032	925	1218	2143	1053	1345	2398	1259	1744	3003	1678	2360	4038	1864	2554	4418
TOTAL WORLD	**4603**	**5431**	**10034**	**4889**	**5712**	**10601**	**4732**	**5744**	**10476**	**4809**	**6018**	**10827**	**4486**	**5654**	**10140**	**4855**	**6219**	**11074**	**5151**	**6742**	**11893**	**6720**	**8681**	**15401**	**7087**	**8869**	**15956**

Y means yarn + monofilaments. S means staple + tow + fiberfill. The regional totals here are the same as those on pages 107-110.

a. U.S.A. nylon producing capacity data do not include aramid.

b. Other fibers are alginate, azlon, spandex or elastomer, saran, TFE-fluorocarbon, vinal and vinyon. U.S.A. production data do not include spandex in 1984.

TABLE 6: WORLD GLASS FIBER PRODUCTION & PRODUCING CAPACITY

THOUSAND METRIC TONS

COUNTRY	PRODUCTION							CAPACITY	
	1978	1979	1980	1981	1982	1983	1984	1985	1986
WEST EUROPE EAST EUROPE[a]	304	310	300	277	250	290	300	375 50	375 50
U.S.A.	419	460	393	472	408	530	632	826	853
OTHER AMERICAS	27	28	30	31	35	37	39	60	60
JAPAN	146	178	167	174	198	206	249	267	314
OTHER A.A. & O[b]	12	12	13	14	12	14	14	31	31
TOTAL ABOVE	**908**	**988**	**903**	**968**	**903**	**1077**	**1234**	**1609**	**1683**
CHINA, P.R.C.	DATA NOT AVAILABLE				30	33	40	60	60
U.S.S.R.					65	60	75	110	110

Glass fiber is defined on page 118 of this issue. The glass fiber producing capacity in operable condition is shown on an annual rate basis as of March, 1985 (1985) and December, 1986 (1986).

a. The data for East Europe do not include estimates for the U.S.S.R.

b. The Other Africa, Asia & Oceania countries are Australia, India and South Africa.

TABLE 7: ESTIMATED WORLD CIGARETTE TOW PROUUCTION

THOUSAND METRIC TONS

AREA	1978	1979	1980	1981	1982	1983	1984
EUROPE[a]	76	74	74	81	81	80	80
U.S.A.[c] OTHER AMERICAS[b]	180	199	220	226	216	211	184
ASIA[c]	40	41	41	42	42	43	47
WORLD TOTAL	**296**	**314**	**335**	**349**	**339**	**334**	**311**

a. Belgium, Fed. Rep. of Germany, U.S.S.R. & United Kingdom

b. Brazil, Canada, Colombia, Mexico & Venezuela

c. Japan and Rep. of Korea

TABLE 8: WORLD ACETATE STAPLE PRODUCTION & CAPACITY

THOUSAND METRIC TONS

COUNTRY	PRODUCTION							CAPACITY	
	1978	1979	1980	1981	1982	1983	1984	1985	1986
U.K.	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.5	0.5
U.S.A.	3.2	3.2	3.2	1.8	0.5	0.6	0.2	0.2	0.2
CANADA	0.6	0	0	0	0	0	0	0	0
INDIA	0.4	0.4	0.1	0.3	0.3	0.2	0.2	0.8	0.8
WORLD TOTAL	**4.7**	**4.1**	**3.6**	**2.3**	**1.0**	**1.0**	**0.6**	**1.5**	**1.5**

TABLE 9: WORLD OLEFIN FIBER PRODUCTION

THOUSAND METRIC TONS

COUNTRY	1978	1979	1980	1981	1982	1983	1984
WEST EUROPE							
BENELUX	49	56	57	66	73	75	77
DENMARK	14	15	14	14	13	14	14
FRANCE	30	24	27	28	26	29	29
GERMANY, F.R.	52	57	53	56	55	61	61
IRELAND (EIRE)	5	6	9	9	8	9	9
ITALY	59	61	57	62	59	67	71
UNITED KINGDOM	80	82	80	81	76	80	80
SUBTOTAL EEC	**289**	**301**	**297**	**316**	**310**	**335**	**341**
AUSTRIA	18	19	18	17	19	20	21
FINLAND	3	3	3	3	3	4	4
GREECE/CYPRUS	9	10	9	9	9	10	9
NORWAY	3	4	4	4	4	5	4
PORTUGAL	39	38	40	38	38	39	39
SPAIN	36	37	38	38	36	36	37
SWEDEN	3	3	3	3	3	4	4
SWITZERLAND	3	3	3	3	3	4	4
TURKEY	6	5	5	5	5	6	6
TOTAL WEST EUROPE	**409**	**423**	**420**	**436**	**430**	**463**	**469**
EAST EUROPE							
CZECHOSLOVAKIA	11	12	11	11	11	12	12
HUNGARY	10	13	15	16	16	16	16
POLAND	14	13	14	15	12	15	16
U.S.S.R.	12	15	15	15	14	18	20
U.S.A.							
YARN - MONOFIL	143	151	147	145	134	168	175
STAPLE	43	54	52	64	63	86	113
FILM FIBER	128	139	140	148	131	149	154
OTHER AMERICAS							
ARGENTINA	11	11	10	10	11	12	12
BRAZIL	40	39	40	40	39	36	39
CANADA	31	32	30	30	28	32	30
CHILE	1	1	1	1	1	1	1
EL SALVADOR GUATEMALA HONDURAS	2	2	2	2	2	3	3
MEXICO	18	20	22	23	23	26	26
NICARAGUA	1	1	1	1	1	1	1
PERU	5	5	5	6	6	6	6
URUGUAY	1	1	1	2	1	2	2
JAPAN							
YARN - MONOFIL	16	18	16	14	14	14	14
STAPLE	27	29	27	26	28	29	32
FILM FIBER	NA	NA	NA	NA	NA	NA	NA
OTHER AFRICA, ASIA & OCEANIA							
AUSTRALIA	18	20	20	20	19	21	22
KOREA, REP. OF	7	8	4	3	2	1	1
PHILIPPINES	2	2	2	2	3	3	3
SOUTH AFRICA	3	3	3	3	3	5	5
TAIWAN	44	46	50	53	56	60	63
OTHER	*	*	*	*	*	1	1

The olefin data shown comprise (a) the tonnages of yarn, monofilaments and staple plus film fiber reported by official sources, such as governments, trade associations or other statistical agents plus (b) estimates of the additional tonnages of olefin fiber not included in the aforementioned data. Note text on page 140.

No attempt is made to strike a world total inasmuch as data are incomplete for a number of countries, particularly in Latin America, East Europe and Other Africa, Asia & Oceania.

1985 WORLD DIRECTORY OF MAN-MADE FIBER PRODUCERS

NOTES & DEFINITIONS

This directory of producers lists each country separately and divides them into the following categories:

(1) Cellulosic plus Noncellulosic Fibers
(2) Olefin fiber
(3) Textile glass fiber.

The locality shown represents a plant site.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

● Indicates a company producing olefin fiber as well as other man-made fiber(s). For example, Brasil Viscose S.A. produces olefin fiber in Brazil as well as nylon and rayon. The nylon and rayon entries for this company are in one section and the olefin entry is shown in the Olefin Fiber section.

* Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1986 or later.

Yarn means filament yarn.

Monofil means an extruded monofilament and may be either a round or rectangular (ribbon) cross-section. Monofilaments for bristles are excluded.

Film includes **Slit**: tape produced by slitting an already attenuated wide sheet of olefin film; and **Split**: fibrillated slit film.

Not included in this survey is the slit film used for decorative or tying ribbon and such.

Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES & TRADEMARKS

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name and are shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber.

Glass fiber is produced and sold as filament yarn, strand, roving, mat, chopped strand, milled fiber and staple yarn & sliver. In addition, there are two primary uses for glass fiber: Textile, used by textile mills in conventional constructions (e.g. drapery and tire cord) or Non-Textile, used for nonconventional constructions (e.g. reinforced plastics and roofing shingles).

For additional information see the definitions on page 196 of the November 1984 ***Organon*** and page 40 of the March 1985 ***Organon.***

CELLULOSIC (ARTIFICIAL) FIBERS

Acetate: Cellulose acetate. Cigarette filtration tow is excluded.

Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.

Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.

Cupra: Cuprammonium rayon.

The viscose rayon yarns are identified as **ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

NONCELLULOSIC (SYNTHETIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight.

Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.

Azlon: Regenerated natural protein.

Nylon: A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.

Aramid: A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings. In this survey, any aramid data are included with nylon.

Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.

Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalate units, and parasubstituted hydroxybenzoate units.

Saran: At least 80% vinylidene chloride by weight.

Spandex: At least 85% of segmented polyurethane.

Vinal: At least 50% by weight vinyl alcohol and wherein the vinyl alcohol plus acetal units are at least 85% by weight.

Vinyon: At least 85% vinyl chloride by weight.

Other man-made fibers included in this survey, but not listed by the FTC, are **Polycarbonate** (U.S.A.), **Polychlal** (Japan), **Promix** (Japan) and **TFE- & FEP-fluorocarbon** (Fluoro) (Japan, U.S.A. & U.S.S.R.).

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex and nytril are no longer produced.

Carbon fibers are not included in this survey.

International Standard #2076, "Generic Names of Man-Made Fibres," as established by the International Organization for Standardization, lists some 23 names, of which the following are similar to the FTC designations: cupro, viscose, acetate, triacetate, acrylic, modacrylic, nylon or polyamide, polyester and glass. The IOS also lists modal (regenerated cellulose obtained by processes giving a high tenacity and a high wet modulus), alginate (metallic salts of alginic acid), chlorofibre (similar to the FTC's saran and vinyon), elastane (similar to the FTC's spandex), elastodiene, fluorofibre, polycarbamide, polyethylene & polypropylene (similar to the FTC's olefin), polyurethane, trivinyl and vinylal (similar to the FTC's vinal).

ALBANIA

(Producer not yet known)

Acrylic	(staple)
Polyester	(yarn & staple*)

ARGENTINA

COAFI S.A.

Polyester	Buenos Aires (yarn)

DUCILO S.A.I.C.

Nylon 66	Berazategui & Mercedes *Nylon Ducilo* (yarn)
Spandex	Mercedes (fused multifil or coalesced monofil)

HISISA ARGENTINA S.A.I.C.I.F.

Acrylic	Baradero *Cashmilon* (staple)

MANUFACTURAS DE FIBRAS SYNTETICAS (formerly Petroquimica Sudamericana)

Nylon 6	Olmos - Lapi (yarn)
Polyester	Olmos - Lapi (yarn & staple)

MITEXTIL S.A.

Nylon 6	Buenos Aires (yarn)

M. NAHMIAS S.A.C.I.

Polyester	Buenos Aires (yarn)

NICIEZA y TAVERNA HNOS. S.A.

Nylon 6	Chivilcoy *Grilon* (monofil)

RHODIA ARGENTINA QUIMICA e TEXTIL

Acetate	Quilmes (yarn)
Polyester	Quilmes *Tergal* (yarn)

SOCIEDAD NUEVAS INDUSTRIAS ARGENTINAS FIBRAS ARTIFICIALES S.A.I.C.F.I. (SNIAFA)

Nylon 6	Hernández-La Plata *Snialon* (yarn)
Rayon	Plátanos (reg yarn & staple)

SUDAMTEX S.A. TEXTIL SUDAMERICANA

Polyester	Azul *Acrocel* (staple)

VALENCIANA ARGENTINA S.A.

Nylon 6	Buenos Aires (yarn)

OLEFIN FIBER

AGAPOL S.A. (P yarn)

MANUFACTURA FORTI ARGENTINA S.A.C.I.A.F.I. Buenos Aires (P yarn & staple)

PANAMERICA DE PLASTICOS S.A.I.C. Olivos (P staple)

TEXTILYUTE S.A.I.C. Isidro Casanova (P film)

VINISA S.A.I.C. Buenos Aires *Rafistal, Strofil* (E & P monofil)

GLASS FIBER

VIDRIERIA ARGENTINA S.A. (VASA) Llavallol *Texover*

AUSTRALIA

FIBREMAKERS LTD.

Biconstituent	Mulgrave, Victoria *Front Runner* (melded fabric)
Nylon 66	Bayswater, Victoria *Bri-Nylon* (yarn & monofil), Penrith, N.S.W. (tire cord)
Polyester	Bayswater *Terylene* (yarn, staple & tow)

UNITED CARPET MILLS PTY. LTD.

Nylon 6	Thomastown, Victoria *Unilon* (yarn)
Polyester	Thomastown (yarn)

In addition to the above, VILENE AUSTRALIA reportedly produces spunbonded products at Minto, N.S.W.; these are believed to be principally based on cellulosic fiber, but some polypropylene may be used.

OLEFIN FIBER

AMOCO FABRICS COMPANY, PATCHOGUE PLYMOUTH DIVISION Liverpool, N.S.W. *Poly Bac, Propex* (P film)

SARLON INDUSTRIES PTY. LTD. Punchbowl, N.S.W. (E & P monofil & film)

OLEFIN FILM FIBER, only

A. ABRAHAMS & SONS PTY. LTD., Clayton, Victoria *(Koala, Polytex)*

CORDEX INDUSTRIES PTY. LTD., Gladesville, N.S.W.

GEO. KINNEAR & SONS PTY. LTD., Footscray, Victoria *(Emu)*

H.J. PENNO, Adelaide, South Australia

TAPEX PTY. LTD., Sydney, N.S.W.

GLASS FIBER

AUSTRALIAN FIBREGLASS PTY. LIMITED Dandenong, Victoria *A.C.I. Fibreglass*

AUSTRIA

AUSTRIA FASERWERKE, G.m.b.H.

Polyester	Lenzing *Trevira* (staple)

CHEMIEFASER LENZING A.G.●

Fluoro	Lenzing (yarn & staple)
Rayon	Lenzing (staple)

GLANZSTOFF AUSTRIA G.m.b.H. (formerly Enka-Austria)

Rayon	St. Pölten (ind & reg yarn)

OLEFIN FIBER

CHEMIE LINZ A.G. Linz *Asota, Linz-PP-Multifil, Linz-PP-Vlies* (P yarn, staple & spunbonded)

OLEFIN FILM FIBER, only

CHEMIEFASER LENZING A.G., Lenzing

M. TEUFELBERGER, Wels

SEUTTER, Unter Eggendorf

BANGLADESH

ASHUGANJ PETROCHEMICAL COMPLEX

Acrylic	Ashuganj* (staple)

BANGLADESH CHEMICAL INDUSTRIES

Rayon	(staple)

KARNAPHULI RAYON AND CHEMICALS LIMITED

Rayon	Chandraghona, Chittagong (reg yarn & staple*)

PYLON INDUSTRIES LIMITED

Nylon 6	Fouzdarhat Industrial Estate, Chittagong *Pylon* (yarn)

BELGIUM

N.V. BAYER S.A.

Nylon 6	Antwerpen *Dorix* (staple)

BEAULIEU-NYLON S.A.●

Nylon 6	Kruishoutem, East Flanders (yarn & staple)

N.V. CELANESE S.A.

Acetate	Lanaken, Limburg (yarn)
Triacetate	Lanaken (yarn)

FABELTA NINOVE S.A.

Rayon	Ninove, East Flanders (reg yarn)

FABELTA ZWIJNAARDE, S.A.

Nylon 66	Zwijnaarde, East Flanders *Fabelnyl* (yarn)

OLEFIN FIBER

DELOTEX (P staple)

N.V. FIBRILO Zele, East Flanders (P staple & film)

S.A. LA LOKEROISE Lokeren, East Flanders *Alpha Carpet, Delta Carpet* (P yarn & staple)

OSTEND STORES & ROPEWORKS S.A. Ostend, West Flanders

POLYFIL N.V. (subsidiary of Beaulieu) Wielsbeke (P yarn)

T.T.C. POLYOLEFINS S.A. Overpelt, Limburg (P monofil)

OLEFIN FILM FIBER, only

N.V. JONCKVANSTEEN, Passendale

S.A. PHORMIUM, Zele, East Flanders

POLYTEXCO S.P.R.L., Beveren, Kortryk

S.A. U.C.O., Ledeberg, Gent

GLASS FIBER

N.V. BAYER S.A. Antwerpen

OWENS-CORNING FIBERGLAS EUROPE S.A. Battice, Liége *Fiberglas*

Cellulosic production and capacity data are combined with the Netherlands on page 111-112. Noncellulosic production and capacity data are combined with the Netherlands and Luxembourg under "Benelux" on page 107-108.

BRAZIL

ARTEPESCA - S.A. ARTIGOS DE PESCA DO NORDESTE●

Nylon 6	Igarassu, Pernambuco (monofil)

BANYLSA TECELAGEM DO BRASIL S.A.

Nylon 6	Aratú, Bahia (yarn)
Polyester	Aratú *Fio Banylsa Poliester* (yarn)

BRASIL VISCOSE S.A.●

Nylon 6	Jundiapeba, São Paulo *Giorgilon* (staple)
Rayon	Jundiapeba (staple)

CELANESE DO BRASIL - FIBRAS QÚIMICAS LTDA.

Polyester	Pocos de Caldas, Minas Gerais *Fortrel* (staple)

CELANESE DO BRASIL NORDESTE S.A.

Polyester	Aratu, Bahia *Fortrel* (yarn & staple)

CIA. BRASILEIRA DE SINTETICOS

Nylon 6	Osasco (yarn)
Polyester	Osasco *Trevira* (yarn)

CIA. NITRO QÚIMICA BRASILEIRA

Rayon	São Miguel Paulista, São Paulo (reg yarn)

COBAFI - CIA. BAHIANA DE FIBRAS

Nylon 6	Camaçari, Bahia (yarn)
Polyester	Camaçari (yarn)

DE MILLUS S.A. INDUSTRIA E COMÉRCIO

Nylon 6	Rio de Janeiro *Demilon* (yarn)

DU PONT S.A. INDÚSTRIAS QÚIMICAS

Spandex	Paulinia, São Paulo *Lycra* (fused multifil)

BRAZIL (continued)

EQUIPESCA - EQUIPAMENTOS DE PESCA S.A.

Nylon 6	Campinas, São Paulo (monofil)

FIÁÇAO GRASILEIRA DE RAYON - FIBRA S.A.

Nylon 6	Americana & Osasco, São Paulo *Lilion* (yarn)
Polyester	São Paulo (yarn)
Rayon	Americana (reg yarn & staple)

FISIBA - FÍBRAS SINTÉTICAS DA BAHIA S.A.

Acrylic	Camacari, Bahia *Triana* (staple)

INDUSTRIAS MATARAZZO DE FIBRAS SINTÉTICAS S.A.

Nylon 6	São José dos Campos, São Paulo (yarn)

MANAP - MANUFACTURA NACIONAL DE PLÁSTICOS●

Nylon 6	Osasco, São Paulo *Caicara* (monofil)

MARCATTO S.A. IND. E COM.●

Nylon 6	Jaraguá do Sul, Santa Catarina (monofil)

MAZZAFERRO POLIMEROS E FIBRAS SINTÉTICAS LTDA.

Nylon 6	São Bernardo do Campo, São Paulo *Grilon, Trilon* (yarn & monofil)
Polyester	São Bernardo do Campo, São Paulo (monofil)

MONOFIL - CIA. INDUSTRIAL DE MONOFILAMENTOS●

Nylon 6	São Paulo, São Paulo (monofil)

NOVELSPUMA - ESPUMA DE NYLON S.A.

Nylon 6	São Paulo, São Paulo (yarn)

POLYENKA S.A.

Polyester	Americana, São Paulo *Diolen* (yarn)

POLYNOR S.A. INDÚSTRIA E COMÉRCIO DE FIBRAS SINTÉTICAS DA PARAIBA

Polyester	João Pessoa, Paraiba *Amilon, Polynor* (yarn & staple)

RHODIA S.A.

Acetate	Santo André, São Paulo (yarn)
Acrylic	São José dos Campos, São Paulo *Crylor* (staple)
Nylon 66	Santo André *Dropnyl, Rhodianyl* (yarn & staple)
	São Bernardo do Campo, São Paulo *Celtrel BCF* (yarn)
Polyester	Santo André *Dropgal-Tergal, Tergal* (yarn & staple), São Bernardo do Campo, *Fortrel* (yarn) São José dos Campos *Bidim* (spunbonded)
Rayon	São José dos Campos (ind yarn & staple)

RHODIA NORDESTE S.A.

Polyester	Cabo, Pernambuco *Dropgal, Tergal* (yarn & staple)

SEARA IND. TÉXTIL LTDA.●

Nylon 6	Londrina, Paraná (monofil)

SPUMAR S.A. INDÚSTRIA E COMÉRCIO●

Nylon 6	São Paulo (yarn)

OLEFIN FIBER

ARTEPESCA - S.A. ARTIGOS DE PESCA DO NORDESTE Igarassu, Pernambuco (E & P monofil)

BRASIL VISCOSE S.A. Jundiapeba, São Paulo (P staple)

ETRÚRIA S.A. INDÚSTRIA DE FIBRAS E FIOS SINTÉTICOS Mairinque, São Paulo (P staple)

FADEMAC - FABRICA DE MATERIAIS DE CONSTR. S.A. Jacarei, São Paulo (P staple)

FITESA - FIÁÇAO TÉXTIL DE EMBALAGENS PLÁSTICAS S.A. Guaiba, Rio Grande do Sul (P staple) & Porto Alegre, Rio Grande do Sul (P film)

INYLBRA S.A. TAPETES E VELUDOS Diadema, São Paulo (P staple)

MANAP - MANUFATURA NACIONAL DE PLÁSTICOS Osasco, São Paulo (P monofil)

MARCATTO S.A. IND. E COM. Jaragua do Sul, Santa Catarina (E & P monofil)

BRAZIL (continued)

MONOFIL - CIA. INDUSTRIAL DE MONOFILAMENTOS São Paulo, São Paulo (P monofil)

SEARA IND. TÉXTIL LTDA. Londrina, Paraná (E & P monofil)

SPUMAR S.A. INDÚSTRIA E COMÉRCIO São Paulo, *Fibrilene, Polylene, Polyplan, Protene* (P yarn, staple & film)

TAPETELENE - INDÚSTRIA S.A. Pajucara/Maramguape, Ceará (P staple)

TINTORIA S.A. - BENEFICIAMENTO DE FIO (P yarn)

OLEFIN FILM FIBER, only

BRASMEN TOL CACAPAVA S.A., Cacapava, São Paulo

CACIQUE DE EMBALAGENS S.A. INDÚSTRIA E COMÉRCIO, Londrina, Paraná

C.A.T.A. - CIA. AMAZONIA TÉXTIL DE ANIAGEM S.A., Belém, Pará

CIA. FAB. YOLANDA S.A., Recife, Pernambuco

CIA. JAUENSE INDUSTRIAL, Jau, São Paulo

CIA. UNIÃO MANUFATORA DE TECIDOS, Rio de Janeiro

DICOPLAST S.A. INDÚSTRIA E COMÉRCIO DE PLASTICOS, Presidente Prudente, São Paulo

EMPLA - EMBALAGENS PLÁSTICAS S.A., Rio de Janeiro

FIBRASA IND. E COM. DE FIOS E EMBALAGENS S.A., Espirito Santo

FIBROTEX TECELAGEM DE FIBRAS S.A., São Paulo

IMPLASA - INDÚSTRIA DE PLÁSTICOS ZANIOLO S.A., São José dos Pinhais, Paraná

INDÚSTRIA TÉXTIL TSUZUKI LTDA., Suzano, São Paulo

IPLAC DO BRASIL S.A. PLÁSTICOS INDUSTRIAIS, Fortaleza, Ceará*

NOVOPLAST IND. E COM. DE PLÁSTICOS, Nova Odessa, São Paulo

PLABASA - PLÁSTICOS DA BAHÍA S.A., Salvador, Bahía

PLASMINAS - PLÁSTICOS MINAS LTDA., Tres Pontas, Minas Gerais

PLÁSTICOS DO PARANÁ LTDA., Londrina, Paraná

PLÁSTICOS LINIL S.A., Recife, Pernambuco

PLÁSTICOS INDÚSTRIA DE EMBALAGENS LTDA., Campinas, São Paulo

QUALITAS IND. E COM. LTDA., São Paulo

SACOPLAST/PLANOSA - PLASTICOS DO NORDESTE S.A., Natal, Rio Grande do Norte

GLASS FIBER

OCFIBRAS Rio Claro, São Paulo *Fiberglas*

BULGARIA

KOMBINAT "DIMITAR DOMOV"●
Acrylic Burgas *Bulana* (staple)
Nylon 6 Vidin *Vidlon* (yarn)
Polyester Yambol *Yambolen* (yarn, staple & tow)

KOMBINAT "SVILOSA"
Rayon Svishtov (reg yarn & staple)

OLEFIN FIBER

KOMBINAT "DIMITAR DOMOV" Yambol* (P staple)

CANADA

BADISCHE CANADA LIMITED
Nylon 6 Arnprior, Ontario *Zefran* (yarn & staple)

CELANESE CANADA INC., FIBRES DIVISION ●
Acetate Drummondville, Quebec (yarn)

CELANESE CANADA (MILLHAVEN) INC.
Polyester Millhaven, Ontario *Fortrel* (yarn, staple, tow & fiberfill)

COURTAULDS (CANADA) LIMITED
Rayon Cornwall, Ontario (staple)

DU PONT CANADA INC.●
Nylon 66 Kingston, Ontario *Antron, Cantrece, Du Pont* (yarn, staple & tow)
Polyester Kingston *Dacron* (yarn)
Spandex Maitland *Lycra* (fused multifil)

FIRESTONE TEXTILES CO. - A DIVISION OF FIRESTONE CANADA LTD. - LTEE.
Nylon 6 Woodstock, Ontario (yarn & monofil)

OLEFIN FIBER

AMOCO FABRICS CO. Brantford & Hawkesbury, Ontario, St. Jean, Quebec *Protel* (P yarn & staple, E & P monofil & P film)

CALKO MILLS LTD. Rivière du Loup, Quebec (P monofil)

CANADA WESTERN CORDAGE CO., LTD. New Westminster, B.C. (P monofil)

DOON TWINES LTD. Kitchener, Ontario (P yarn, monofil & staple)

DU PONT CANADA INC. North Bay, Ontario (P film)

GUELPH TWINES LTD. Guelph, Ontario (P monofil & film)

NOVASTRAND St. John, New Brunswick (P monofil)

POLI-TWINE CORP. LTD. Belleville, Ontario & Saskatoon, Saskatchewan Polytie, PolyTwine, Spiralok (P monofil)

SCHLEGEL COMPANY CANADA Oakville, (P monofil)

STRUDEX FIBRES LTD., DIVISION OF KRAUS CARPET MILLS LTD. Waterloo, (P yarn & staple - captive)

OLEFIN FILM FIBER, only

FIBERWORLD, LTD., Hawkesbury, Ont.

POLYMER INTERNATIONAL (N.S.) LTD., Truro, N.S.

GLASS FIBER

FIBERGLAS CANADA LIMITED Guelph, Ontario Fiberglas

CHILE

GOODYEAR DE CHILE, S.A.I.C.
Nylon 6 Maipú, Santiago (yarn & monofil)

INDUSTRIAS QUIMICAS GENERALES S.A.
Rayon Quillota, Valparaiso (ind yarn & staple)

LANERA AUSTRAL S.A.
Polyester Santiago (yarn, staple & tops)

MANUFACTURAS SUMAR S.A.
Nylon 6 El Pinar 172, Santiago *Crilobal* (yarn)
Polyester El Pinar 172 *Poligal* (yarn & staple)

QUIMICA INDUSTRIAL S.A.
Polyester Maipú, Santiago *Polycron* (staple & tops)

CHINA, PEOPLE'S REPUBLIC OF

Although reliable information on locations of man-made fiber plants in the People's Republic of China is not available, every effort has been made to make the following listing as complete as possible.

RAYON and/or ACETATE PLANTS reported at: Amoy, Antung, Canton, Foshan, Kirin, Nanchang, Nanking, Paoting and Shanghai.

NYLON PLANTS reported at: Beijing, Hsinhsiang, Paoting Province, Jinzhou; Liaoyang; Pingdings; Shanghai; Shanyi; Sian; Sichuan; Sining; Tianjin; and Zhenjiang.

POLYESTER PLANTS reported at: Beijing, Changzhou; Jiangsu Province; Fangshen, Beijing Province; Guangzhou; Canton Province; Hangchow; Heilongjiang; Jinshan; Shanghai Province; Liaoyang; Nantong; Nanjing; Jiangsu Province; Shanghai; Sichuan; Taiyuan; Tianjin; Tientsin; Xinhu; Yizheng; and Zhenjiang.

ACRYLIC PLANTS reported at: Chenchiang, Harbin Province; Daquing; Lanzhou; Luda; and Shanghai.

NONCELLULOSIC PLANTS reported at: Beijing (vinal); Canton (vinyon); Chunking (vinyon); Foochow (vinyon); Lanzhou (olefin & vinal), Shanghai (vinyon); Shengli (vinyon); and Tientsin (vinyon).

The following three plants have been reported as producing glass fiber: Shanghai Glass Fiber Plant, Shanghai Tungfanghung Glass Fiber Plant and Tientsin Glass Fiber Plant.

COLOMBIA

CELANESE COLOMBIANA, S A.

Acetate	Yumbo, near Cali, Valle del Cauca (yarn)
Nylon 6	Sabaneta, Antioquia *Nylocel* (yarn)
Polyester	Yumbo *Fortrel* (yarn & staple)

COLTEFIBRAS S.A.

Polyester	Igatui, Antioquia' (yarn & staple)

ENKA DE COLOMBIA S.A.

Nylon 6	Girardota, Antioquia *Enkalon* (yarn)
Polyester	Girardota *Terlenka* (yarn & staple)

FABRICA DE HILAZAS VANYLON S.A.

Nylon 6	Barranquilla, Atlántico *Vanylon* (yarn & monofil)

POLIMEROS COLOMBIANOS S.A.

Polyester	Medellin, Antioquia *Primel* (yarn, staple, tow & tops)

ZYLETTE (LAFAYETTE)

Polyester	Bogotá (yarn)

OLEFIN FILM FIBER, only

COMPANIA NACIONAL DE EMPAQUES S.A., Medellin

PLASTICOS DE MAGDELENA LTDA., Santa Marta

POLYMER DE COLOMBIA S.A., Cartagena

COSTA RICA

OLYMPIC FIBERS, S.A.

Polyester	San Antonio de Belen (yarn)

CUBA

INDUSTRIAS CONSOLIDADAS DE MATANZAS, S.A.

Rayon	Matanzas (ind & reg yarn & staple)

CYPRUS

OLEFIN FIBER

LORDOS POLYSAC (LIMASSOL) LIMITED Limassol (P film)

CZECHOSLOVAKIA

CHEMICKÉ ZÁVODY JURAJA DIMITROVA, N.P.●
(GEORGE DIMITROV CHEMICAL WORKS, NATIONAL CORP.)

Rayon	Bratislava, Slovakia (reg yarn & staple)

CHEMLON, N.P. (CHEMLON, NATIONAL CORPORATION)

Nylon 6	Humenné Slovakia *Chemlon* (yarn)

CHEMOSVIT, N.P. (CHEMOSVIT, NATIONAL CORPORATION)●

Nylon 6	Svit, Slovakia, *Sviton, Svitontex* (yarn & staple)
Rayon	Svit (reg yarn)

SEVEROCESKÉ CHEMICKÉ ZÁVODY, N.P.
(NORTH BOHEMIAN CHEMICAL WORKS, NATIONAL CORP.)

Rayon	Lovosice, Bohemia, (ind yarn)

SILON, N.P. (SILON, NATIONAL CORPORATION)

Nylon 6	Planá nad Luzniči, Bohemia *Silon* (yarn & monofil)
Polyester	Planá nad Luznić *Tesil, Tevyro, Velana* (staple, tow & fiberfill)

SLOVENSKÝ HODVÁB, N.P.
(SLOVAKIAN FILAMENT YARN, NATIONAL CORPORATION)

Polyester	Senica nad Myjavou, Slovakia *Slotera* (yarn)
Rayon	Senica nad Myjavou (reg yarn)

SPOLANA, N.P. (SPOLANA, NATIONAL CORPORATION)

Rayon	Neratovice, Bohemia (staple)

OLEFIN FIBER

CHEMICKÉ ZÁVODY JURAJA DIMITROVA, N.P. Bratislava *Istrona, Labren, Nobelex* (P yarn & staple)

CHEMOSVIT, N.P. Svit *Prolen, Texizol* (P yarn & spunbonded)

JUTA, N.P. Úpice, Bohemia (P spunbonded)

OLEFIN FILM FIBER, only

JUTA, N.P. Adamov, Moravia and Bernartice u Trutnova, Dvur Králové, Jilemnice & Úpice, Bohemia

POVAZSKÉ CHEMICKÉ ZAVODY, N.P. Zilina, Slovakia

TECHNOLEN, N.P. Lomnice nad Popelkou, Bohemia

GLASS FIBER

SKLOPLAST, N.P. (SKLOPLAST, NATIONAL CORPORATION) Trnava, Slovakia (yarn, chopped strand & mat)

VERTEX, N.P. (VERTEX, NATIONAL CORPORATION) Litomysl, Bohemia (yarn, roving, mat & staple yarn)

DENMARK

OLEFIN FIBER

A/S FIBERTEX Aalborg (P staple)

ESBJERG TOVVAERKSFABRIK A/S Esbjerg *Westflex* (E & P monofil & film; P staple)

JACOB HOLM VARDE A/S Varde *Danaklon, IHS* (E & P staple & film), *Krenit* (P reinforcing fiber)

R.F.W. PLAST-INDUSTRI A/S Vejle (P film)

ROBLON A/S Frederikshavn (P film)

ECUADOR

ECUATORIANA DE TEJIDOS DE PUNTA

Polyester	Punta (yarn)

ENKADOR S.A.

Polyester	Sangolqui, Pichincha (yarn)

FIBRATEX S.A.

Polyester	Guayaquil, Guayas (yarn)

EGYPT

ESTABLISSEMENTS INDUSTRIELS POUR LA SOIE ET LE COTON S.A.A. (E.S.C.O.)

Rayon	Cairo (reg yarn)

MISR AL-AMIRIYA INDUSTRIAL FIBRE CO.

Polyester	Amiriya (yarn* & staple)

SOCIETE MISR POUR LA RAYONNE S.A.A. (MISR RAYON CO.)

Nylon 6	Kafr-el-Dawar *Misrnylon* (yarn), *Misrnylon* (staple)
Polyester	Kafr-el-Dawar *Polymisr* (yarn)
Rayon	Kafr-el-Dawar (reg yarn & staple)

EL SALVADOR

OLEFIN FIBER

FILAMENTOS Y PERFILES, S.A. (FILPERSA) San Salvador *Duraplen* (E & P monofil)

SALVAPLASTIC, S.A. San Salvador (P monofil)

FINLAND

KEMIRA OY SÄTERI

Rayon	Valkeakoski (staple)

LAPPFIBER OY

Nylon 66	Tornio (yarn)

OLEFIN FILM FIBER, only

MANILLA OY, Turku

PIIPPO OY, Lempäälä

GLASS FIBER

A. AHLSTROM OY GLASSFIBRE Karhula *Kuitulasi* (roving & mat)

FRANCE

CELLATEX (a subsidiary of Rhône-Poulenc-Textile)

Rayon	Givet, Ardennes; Grenoble, Isère (reg yarn)

COURTAULDS, S.A.

Acrylic	Pont du Leu, Coquelles, Pas-de-Calais *Courtelle* (staple)
Rayon	Pont du Leu (staple)

ETS NYSAM

Nylon 6	St-Quentin, Aisne *Lilion* (yarn)

RHÔNE-POULENC-FIBERS (a subsidiary of Rhône-Poulenc-Textile)

Nylon 66	Albi, Tarn; St-Laurent-Blangy, Pas-de-Calais, St. Quentin, Aisne & Valance Drôme *Nylfrance* (yarn & staple)
Polyester	Gauchy, Aisne & Valence *Bidim* (spunbonded), *Tergal* (yarn & staple)

RHOVYL (a subsidiary of Rhône-Poulenc Textile)

Vinyon	Tronville-en-Barrois, Meuse *Clévyl, Rhovyl, Thermovyl* (yarn & staple)

SOCIETE CHOMARAT

Nylon 6	Mariac (yarn - captive)

OLEFIN FIBER

PLASTIQUE DE ROUBAIX Roubaix (P film & staple)

SODOCA FABRICATION DE NONTISSES SYNTHETIQUES S.A.R.L. Neuf Brisach, Haut-Rhin (P spunbonded)

OLEFIN FILM FIBER, only

ETS. AMMANN & CIE. Saint-Louis

ETS. BATAILLE Rosendael

BIHR FRERES S.A. Xertigny

BOUSSAC SAINT FRERES S.A. Flixecourt

SEINE & LYS Paris

GLASS FIBER

OWENS-CORNING FIBERGLAS FRANCE L'Ardoise, Gard *Fiberglas*

SAINT-GOBAIN INDUSTRIES, DIVISION VERRE TEXTILE Chambéry, Savoie, *Silionne, Stratifil, Stratimat, Verrane*

GERMAN DEMOCRATIC REPUBLIC

DEUTSCHE DEMOKRATISCHE REPUBLIK (EASTERN)

(Those facilities indicated by # are part of the trust VEB Chemiefaserkombinat Schwarza "Wilhelm Pieck.")

VEB CHEMIEFASERKOMBINAT SCHWARZA "WILHELM PIECK"

Nylon 6	Schwarza, Krs., Rudolstadt *Dederon* (yarn)
Rayon	Schwarza (staple)

CHEMIEFASERWERK "FRIEDRICH ENGELS"#

Acrylic	Premnitz, Krs. Rathenow *Wolpryla* (staple)
Nylon 6	Premnitz *Dederon* (staple)
Polyester	Premnitz *Grisuten* (staple)
Rayon	Premnitz (reg yarn)

CHEMIEFASERWERK "WILHELM-PIECK-STADT" GUBEN#

Nylon 6	Guben *Dederon* (yarn & monofil)
Polyester	Guben *Grisuten* (yarn)

KUNSTSEIDENWERK "CLARA ZETKIN," ELSTERBERG#

Rayon	Elsterberg, Krs. Greiz (reg yarn)

SACHSISCHES KUNSTSEIDENWERK "SIEGFRIED RADEL"#

Polyester	Pirna* (yarn)
Rayon	Pirna (ind, reg & cupra yarn)

SACHSISCHE ZELLWOLLE#

Rayon	Plauen (staple)

SPINNSTOFFWERK "OTTO BUCHWITZ"#

Rayon	Glauchau (staple)

ZELLSTOFF-UND ZELLWOLLWERKE WITTENBERGE#

Rayon	Wittenberge (staple)

VEB FILMFABRIK FOTOCHEMISCHES KOMBINAT

Acrylic	Wolfen, Krs. Bitterfeld *Wolpryla* (staple)
Rayon	Wolfen (ind yarn & staple)
Vinyon	Wolfen *Piviacid* (staple)

GLASS FIBER

VEB GLASSEIDENWERK Oschatz *Glasseidengewebe, Glasseiden-Roving, Glasseiden-Stapelbindermatten, Glasseiden-Twist, Glasseiden-Zwirn, Roving-Gewebe*

GERMANY, FEDERAL REPUBLIC OF

BUNDESREPUBLIK DEUTSCHLAND (WESTERN)

BAYER A.G.

Acrylic	Dormagen *Bayer-Textilfaser Dralon* (yarn & staple)
Nylon 6	Dormagen *Perlon-Draht* (monofil)
Spandex	Dormagen *Bayer-Textilfaser Dorlastan* (fused multifil)

BOLTA WERKE G.m.b.H.

Saran	Nürnberg *Bolta* (monofil)

DU PONT DE NEMOURS (DEUTSCHLAND)

Nylon 66	Uentrop, Kreis Unna (yarn & staple)
Polyester	Uentrop *Dacron* (staple, tow & fiberfill)

ENKA A.G.

Nylon 6/66	Obernberg *Enka Nylon* (yarn), *Enka Perlon* (yarn)
Polyester	Oberbruch & Obernburg *Diolen* (yarn)
Rayon	Kelsterbach, Oberbruch & Obernburg (ind & reg yarn)

E. HAHL KG●

Nylon 6	Munderkingen (staple)

FASERWERKE LINGEN G.m.b.H.

Acrylic	Lingen (staple)

HOECHST A.G.

Acrylic	Kelheim/Donau *Dolan* (staple)
Polyester	Bad Hersfeld, Hessen & Bobingen/Augsburg-land *Trevira* (yarn, staple & spunbonded), *Trevira-Draht* (monofil)
Rayon	Kelheim/Donau (staple)

ICI (EUROPA) FIBRES G.m.b.H.

Nylon 66	Östringen *Timbrelle* (yarn & staple)
Polyester	Östringen *Terylene* (yarn)

GERMANY, FEDERAL REPUBLIC OF (continued)

BUNDESREPUBLIK DEUTSCHLAND (WESTERN)

KUNERT
Nylon 66 Deggendorf (yarn)
Polyester Deggendorf (yarn)

LUTRAVIL SPINNVLIES●
Nylon 6 Kaiserslautern *Lutrabond* (spunbonded)
Polyester Kaiserslautern *Lutradur* (spunbonded)

NORDDEUTSCHE FASERWERKE G.m.b.H.
Nylon 6/66 Neumünster *SIKS NYLON* (yarn). *SIKS PERLON* (yarn)
Polyester Neumünster *Avitron* (yarn)

PHEONIX GUMMIWERK A.G.
Saran Hamburg/Harburg *Harlan* (monofil)

HEINRICH REIHNOLD KG●
Nylon 6 Selbitz, Bayern (staple)

RHODIA A.G.
Acetate Freiburg/Br. *RHIAKABEL* (tow)
Nylon 66 Freiburg/Br. & Rottweil a. N/Württ. *RHOA-fil Nyltest, RHOA-Spinnfaser, RHOA-tex HELANCA* (yarn & staple)
Polyester Freiburg/Br. *RHOA-fil TERGAL, RHOA-tex TERGAL* (yarn)

SPINNSTOFFFABRIK ZEHLENDORF A.G.
Polyester Berlin-Zehlendorf *Trevira* (yarn & staple)

WACKER-CHEMIE G.m.b.H.
Vinal München-Burghausen *Wacker MP-Faser* (staple)

OLEFIN FIBER

J.F. ADOLFF A.G. Backnang (P film)
AMOCO FABRICS CO., DIVISION OF AMOCO (DEUTSCHLAND) G.m.b.H. Gronau (P film & staple)
J.H. BENECKE G.m.b.H. Piene *Corovin* (P spunbonded)
R.B.J. RUDOLF BILLERMANN KG Emsdetten (P yarn & staple)
CHEMISCHE WERKE HÜLS A.G. Marl, Kreis Recklinghausen, Westphalia *Vestolan* (E & P monofil)
DYNAMIT NOBEL A.G. Troisdorf, Bez. Köln *Trofil* (E & P monofil & tow)
DEUFIL Bergkamen (P yarn)
FASERWERKE BOTTROP G.m.b.H. Bottrop (P staple)
FÜSSENER TEXTIL A.G. Füssen (P film)
GEO. GLEISTEIN & SOHN Bremen-Vegesack (P film & monofil)
E. HAHL KG Munderkingen (P monofil)
RUDOLF HILLER KG (P monofil)
LUTRAVIL SPINNVLIES Kaiserslautern *Lutrasil* (P spunbonded)
HEINRICH REINHOLD KG Selbitz/Bayern (P staple)
STEEN Hamburg (P staple)
WESTFALIA SPINNEREI U. KUNSTOFFWERK SCHEM KG Minden (P monofil & film)

OLEFIN FILM FIBER, only

BAUMHÜTER G.m.b.H., Wiedenbrück
BREMER WOLL-KÄMMEREI, Bremen-Blumenthal
ERNST JAEGER, Düsseldorf-Reisholz
HEINZ G. JUNEMANN (NORDHESSISCHE HAARWARENFABRIK), Felsberg

GERMANY, FEDERAL REPUBLIC OF (continued)

KUSGA KUNSTOFFGARNE G.m.b.H., Mainz
POLYDRESS PLASTIC G.m.b.H., Michelstadt
POLYUNION KUNSTOFFWERK, Mesum
SCHILGEN, Emsdetten
SPOHN G.m.b.H., Freiburg
BUNDESREPUBLIK DEUTSCHLAND (WESTERN)
B.T.F. TECKLENBORG & CO., Bremen-Grohn
DR. KARL WETEKAM & CO., Melsungen

GLASS FIBER

GEVETEX-TEXTILGLAS G.m.b.H., Aachen & Dortmund-Mengede *Gevetex*
SCHULLER GLASWERKE Westheim

GREECE

ETMA S.A.
Nylon 6/66 Athens (yarn)
Rayon Athens (reg yarn)

HELLENIC SYTHETICS INDUSTRY
Polyester Kalogreza (yarn)

POLYETMA LTD.
Polvester Athens (yarn)

VOMVICRYL S.A. (affiliate of "Vomvix" S.A.)
Acrylic Stylis, near Lamia (staple, tow & tops)

"VOMVIX" S.A.
Nylon 6/66 Athens (yarn)
Polyester Athens (yarn)

OLEFIN FIBER

VIOFARM Argos (P staple)

OLEFIN FILM FIBER, only

ARIPLAST S.A. Athens
BIOSISAL Athens
DESSILA Piraeus
ELVISAK Athens
MARINE ROPE Athens
OLYMPIC ROPES Piraeus
SISAL ROPERY Salonika
C. VELLIS HEIRS S.A. Piraeus
VESY S.A. SYNTHETIC MATERIALS INDUSTRY Piraeus

GUATEMALA

HILOS SINTETICOS CENTROAMERICANOS, S.A.
Nylon 6 San José Pinula, Guatemala (yarn) (idle)

OLEFIN FIBER

CORDELERIA LA RAPIDA Guatemala, Guatemala (P monofil)

HONDURAS

OLEFIN FIBER

POLYMER, (subsidiary of United Brands) San Pedro Sula (P film)

HONDURAS (continued)

OLEFIN FIBER

KENDER JUTA TEXTILIPARI V. Budapest (P film)
KENDERFONÓ ÉS SZÖVŐIPARI V. SZEGED Szeged (P film)
MAGYAR VISCOSAGYÁR Nyergesujfalu *Popril* (P staple)
SOPRONI SZÖNYEGGYÁR Sopron *Sopilen* (P yarn)
TISZA CHEMICAL COMBINE Lenin Varas (P staple)

INDIA

THE AHMEDABAD MFG. & CALICO PRINTING CO. LTD., CALICO POLYESTER FIBRE DIV.
Polyester Baroda, Gujarat *Ilacron* (staple)

ANDHRA PRADESH RAYONS LTD.
Rayon Kamalapuram, Warangal District, Andhra Pradesh* (staple)

THE BARODA RAYON CORPORATION LIMITED
Nylon 6 Udhna, Gujarat *Snialon* (yarn)
Polyester Udhna *Sniater* (yarn)
Rayon Udhna (reg yarn)

BONGAIGAON REFINERY AND PETROCHEMICALS LTD.
Polyester Goalpara, Assam* (staple)

CENTURY ENKA LIMITED
Nylon 6 Bhosari, Pune, Maharashtra* *Enkalon* (yarn)
Polyester Bhosari (yarn)

CENTURY RAYON (Prop.: The Century Spg. & Mfg. Co. Ltd.)
Rayon Kalyan, near Bombay, Maharashtra (ind & reg yarn)

CHEMICALS & FIBRES OF INDIA LIMITED
Polyester Thane, near Bombay, Maharashtra *Terene* (staple)

DOSHI SYNTHETICS
Polyester Kandla, Gujarat* (yarn)

GARWARE NYLONS LIMITED
Nylon 6 Pimpri, Pune, Maharashtra* *Garware* (yarn & monofil)
Polyester Pimpri (yarn)

THE GWALIOR RAYON SILK MFG. (WVG) CO. LIMITED
Rayon Birlagram, Nagda, Madhya Pradesh & Birlakootoam, Mavoor, Kerala (staple)

INDIAN ORGANIC CHEMICALS LIMITED
Polyester Manali, Madras, Tamil Nadu *Futura* (staple)

INDIAN PETROCHEMICALS CORP. LTD.
Acrylic Vadodara, Baroda, Gujarat *Cashmilon* (staple)

THE INDIAN RAYON CORPORATION LIMITED
Rayon Veraval, Gujarat (reg yarn)

THE INDUSTRIAL PROMOTION & INVESTMENT CORPORATION OF ORISSA LTD.
Polyester Orissa* (staple)

J.K. RAYON, J.K. PURI
Rayon Kanpur, Uttar Pradesh (reg yarn)

J.K. SYNTHETICS LIMITED
Acrylic Kota, Rajasthan *Jayacrylic* (staple)
Nylon 6 Kota *Jayanka, Jaycord, Jaykalon* (yarn, monofil & staple)
Polyester Calcutta, Kota, Orissa* *Jakaylene* (yarn & staple)

INDIA (continued)

JAGITJIT COTTON TEXTILE MILLS LTD.
Nylon 6 Hoshiarpur, Punjab (yarn)

KANHAYA POLYSYNTHETICS
Polyester Gujarat, Kandla (staple)

KARNATAKA STATE INDUSTRIAL INVESTMENT AND DEVELOPMNET CORPORATION LIMITED
Polyester Karnataka* (staple)

KESORAM RAYON (Prop.: Kesoram Industries and Cotton Mills, Ltd.)
Rayon Nayasarai, Hooghly, West Bengal (reg yarn)

M.P. STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD.
Polyester Madhya Pradesh* (staple)

MADURA COTAS LTD.
Nylon 6 Maedak, Andhra Pradesh* (yarn)

MODIPON LIMITED
Nylon 6 Modinagar, Uttar Pradesh *Modipon* (yarn)
Polyester Modinagar (yarn)
Rayon (staple*)

THE NATIONAL RAYON CORPORATION LIMITED
Nylon 6 Mohone-Kalyan, near Bombay, Maharashtra* *N.R.C.* (yarn)
Rayon Mohone-Kalyan (ind & reg yarn)

NIRLON SYNTHETIC FIBRES & CHEMICALS LIMITED
Nylon 6 Bombay, Maharashtra *Nicord, Nirlon* (yarn & monofil)
Polyester Bombay *Nirester* (yarn)

ORKAY SILK MILLS PVT. LTD.
Polyester Patalganga, Maharasntra* (yarn)

P.O. PETROCHEMICALS
Acrylic Vadodara, Gujarat* (staple)
Polyester Baroda, Gujarat* (staple)

PASUPATI ACRYLON LIMITED
Acrylic Moradabad, Uttar Pradesh* (staple)

PETROFILS COOPERATIVE LIMITED
Polyester Jawaharnagar, Baroda, Gujarat (yarn)

PRADESHIYA INDUSTRIAL INVESTMENT CORPORATION OF UTTAR PRADESH
Polyester Uttar Pradesh* (yarn & staple)

PUNJAB STATE INDUSTRIAL DEVELOPMENT CORP. LTD.
Polyester Punjab (staple)

RELIANCE TEXTILE INDUSTRIES LTD.
Polyester Patalganga, Maharashtra* (yarn)

SHREE SYNTHETICS LIMITED
Nylon 6 Naulakhi, Ujain, Madhya Pradesh *Shreelon* (yarn)
Polyester Naulakhi *Shreester* (yarn)

SHRIRAM FIBRES LIMITED
Nylon 6 Manali, Madras, Tamil Nadu *Tufcord* (yarn)

SHRIRAM RAYONS
Rayon Kota, Rajasthan (ind yarn)

THE SIRSILK LIMITED
Acetate Sirpur-Kaghaznagar, Andhra Pradesh (yarn & staple)

SOUTH INDIA VISCOSE LIMITED
Rayon Sirumughai, near Mettupalayam, Tamil Nadu (reg yarn & staple)

INDIA (continued)

STRETCH FIBRES (INDIA) LIMITED
Nylon 6 Nagpur, Maharashtra *SF* (yarn)
SWADESHI POLYTEX LIMITED
Polyester Gaziabad, Uttar Pradesh *Jailene* (staple)
TAMIL NADU INDUSTRIAL DEVELOPMENT CORP.
Polyester Madras, Tamil Nadu* (staple)
Rayon Madras* (staple)
THE TRAVANCORE RAYONS LIMITED
Rayon Rayonpuram, Kerala (reg yarn)
TUNGABHADRA FIBRES LTD.
Rayon Tungabhadra, Andhra Pradesh (staple)

OLEFIN FIBER

ACME INVESTMENTS LTD. Panki Industrial Area, Kanpur* (P yarn)
ANIL KUMAR JAIN Ankleshwar, Gujarat* (P yarn)
GUPTA NEEDLE INDUSTRIES PVT. LTD. Dharuhera, Haryana* (P yarn)
INDO SYNTHETICS CORP. (P yarn*)
J.K. BHAGAT Bhiwand, Alwar, Rajasthan* (P yarn)
KALYANI ASBESTOS CEMENT PVT. LTD. Kalol, Gujarat* (P yarn)
NEOMER LIMITED Baroda, Panchmahal, Gujarat *Proplon* (P staple)
NIAGARA INTERNATIONAL (P yarn*)
POLYPROP INDUSTRIES Dharuhera, Haryana* (P yarn)
RAJENDRA V. PATEL Cambay, Gujarat* (P yarn)
SANJEEV SHRIYA Uttar Pradesh* (P yarn)

GLASS FIBER

FIBREGLASS PILKINGTON LIMITED Thane, near Bombay, Maharashtra
U.P. TWIGA FIBREGLASS Sikandarabad, Uttar Pradesh

INDONESIA

P.F. FIBRES e CHEMICALS
Nylon (yarn)
P.T. BERKAT INDAH AGUNG
Rayon Tangerang, West Java* (staple)
INDONESIA PENELITIAN SELULOSA (Cellulose Research Institute)
Rayon Bandung (pilot plant) (ind & reg yarn & staple)
P.T. INDO-BHARAT RAYON
Rayon Desa Cilangkap, Purwakarta (staple)
P.T. INDONESIA ASAHI CHEMICAL
Nylon 6 Jatiluhur, Purwakarta, West Java (yarn)
P.T. INDONESIA TORAY SYNTHETICS
Nylon 6 Tangerang, West Java (yarn)
Polyester Tangerang (staple)
P.T. INTI
Rayon* West Kalimanton (staple)
P.T. INDUSTRI SANDANG I
Polyester Tangerang* (staple)
P.T. INDUSTRI SANDANG II
Rayon South Sumatra* & West Kalimantan* (staple)
P.T. KUMA FIBER (P.T. Kuraray Manunggal Fibre Industries)
Polyester Cikokol, Tangerang, West Java (staple)
P.T. SHINTA-INDAH DJAYA
Nylon 6 Tangerang, West Java (yarn)
Polyester Tangerang *Shinta* (yarn)

INDONESIA (continued)

P.T. SOUTH PACIFIC VISCOSE
Rayon Purwakarta, West Java (staple)
P.T. SUSILIA INDAH SYNTHETIC FIBRES INDUSTRIES
Polyester Tangerang, West Java (yarn)
P.T. TEXMACO TAMAN SYNTHETIC
Polyester Kaliwungu Kendal, West Java (yarn)
P.T. TIFICO (P.T. Teijin Indonesia Fibre Corp.)
Polyester Tangerang, West Java (yarn & staple)
P.T. TOLARAM
Polyester (yarn)
P.T. TRI REMPOA SOLO SYNTHETIC
Polyester Rempoa, Tangerang, West Java* (staple)
P.T. YASINTA
Polyester Tangerang, West Java (yarn)
P.T. VASTEX BIMA INDUSTRIES
Polyester Jalan Gedebage Ujungberung, Bandung (yarn)
RAUMAQ ENTERPRISES
Nylon (yarn)

IRAN

PARSYLON CORPORATION
Nylon 6 Khoram-Abad* (yarn)
POLYACRYL IRAN CORPORATION
Acrylic Isfahan (staple)
Polyester Isfahan (yarn & staple)
SHERKAT SAHAMI ALIAF
Nylon 6 Tehran *Aliaf* (yarn)

OLEFIN FIBER

JAHANCITT SPINNING & WEAVING CO. Tehran (P film)

IRAQ

HINDIYA RAYON FACTORY
Rayon Hindiya (reg yarn & staple)

IRELAND, REPUBLIC OF (EIRE)

ASAHI SYNTHETIC FIBRES (IRELAND) LTD.
Acrylic Ballina, Mayo *Cashmilon* (staple)
LIRELLE (IRELAND) LTD. (A Division of Unifi, Inc.)
Polyester Letterkenny *Lirelle* (yarn)
WELLMAN INTERNATIONAL LTD.
Nylon 6 & 66 Mullagh, Kells, Meath, *Wellon* (staple)
Polyester Mullagh *Filwell, Wellene* (staple)

OLEFIN FIBER

F. DRAKE (IRELAND) LTD. Moate, Westmeath (P staple)
J. & L.F. GOODBODY (SYNTHETICS) LTD. Clara, Offaly (P yarn & film)

OLEFIN FILM FIBER, only

IRISH POLYSACKS LTD. Blarney, Cork
IRISH ROPES LTD. Newbridge, Kildare
POLYTEX LTD

IRELAND, REPUBLIC OF (EIRE) (continued)

KANEGAFUCHI CHEMICAL INDUSTRY CO., LTD.

Modacrylic	Takasago *Kanecaron*, *Kanekalon* (staple & tow)

KOHJIN CO., LTD.

Polychlal	Yatsushiro *Cordelan* (staple)
Rayon	Yatsushiro (staple)

KURARAY CO., LTD.

Polyester	Saijo & Tamashima *Kuraray Polyester* (yarn & staple)
Rayon	Kurashiki, Saijo & Tamashima (reg yarn)
Vinal	Okayama *Cremona*, *Kuralon* (yarn, monofil & staple)

KUREHA CHEMICAL INDUSTRY CO., LTD.

Saran	Kaibara & Mibu *Krehalon* (yarn, monofil & staple)
Vinyon	Mibu *Viclon* (monofil)

MITSUBISHI ACETATE CO., LTD.

Acetate	Toyama (yarn & tow)
Triacetate	Toyama (yarn)

MITSUBISHI RAYON CO., LTD.●

Acrylic	Otake *Finel*, *Silpalon*, *Vonnel* (yarn & staple)
Polyester	Toyohashi *Soluna* (yarn), Lunasice (staple)

NIPPON ESTER CO., LTD. (subsidiary of Unitika, Kanebo and Mitsubishi Chemical Industry)

Polyester	Okazaki & Sabae *Kanebo Ester*, *Unitika Ester* (yarn & staple)

NISSHINBO INDUSTRIES, INC.

Rayon	Tokushima (staple)
Spandex	Tokushima *Mobilon*

NITIVY CO., LTD.

Vinal	Fujieda *Niti-Vilon*, *Solvron*, *Vilon* (yarn)

NITTO BOSEKI CO., LTD.● (See Ube-Nitto Kasei)

Rayon	Fukuyama (staple)

OMIKENSHI CO., LTD.

Rayon	Kakogawa (staple)

TEIJIN LTD.

Aramid	Iwakuni *Tejinconex* (staple)
Nylon 6	Mihara *Teijin Nylon* (yarn)
Polyester	Ehime, Iwakuni, Matsuyama & Tokuyama *Teijin-Tetoron* (yarn & staple)
Vinyon	Iwakuni *Teviron* (yarn)

TEIJIN ACETATE LTD. (subsidiary of Teijin Ltd.)

Acetate	Matsuyama (yarn)

TOHO BESLON CO., LTD.

Acrylic	Mishima *Beslon* (staple & tow)

TOHO RAYON CO., LTD.

Rayon	Tokushima *Tovis* (staple)

TORAY INDUSTRIES, INC.

Acrylic	Ehime *Toraylon* (staple)
Fluoro	Ehime (pilot plant) *Toyoflon* (yarn)
Nylon 6	Aichi, Ishikawa*, Nagoya, Okazaki, Otsu & Shiga *Amilan*, *Toray Nylon* (yarn & staple)
Nylon 6/66 copolymer	Aichi *Tapilon* (yarn)
Nylon 66	Aichi *Promilan* (yarn)
Polyester	Ehime, Ishikawa & Okazaki *Toray Tetoron* (yarn & staple)

TORAY-MONOFILAMENT CO., LTD.

Nylon 6	Okazaki *Toray Nylon* (monofil & staple*)

TOYO CHEMICAL CO., LTD.

Vinyon	Ofuna *Envilon* (yarn & monofil)

TOYO PRODUCTS CO., LTD.

Spandex	Shiga *Opelon* (fused multifil)

IRELAND, REPUBLIC OF (EIRE) (continued)

TOYOBO CO., LTD.●

Nylon 6	Tsuruga *Toyobo Nylon* (yarn)
Polyester	Iwakuni & Tsuruga *Toyobo Ester* (yarn & staple)
Promix	Tsuruga *Chinon* (yarn)
Rayon	Iwakuni *Tufcel* (staple)
Spandex	Tsuruga *Espa*

TOYOBO PETCORD CO., LTD.

Polyester	Tsuruga *Toyobo Petcord* (yarn)

UNITIKA LTD.

Nylon 6	Uji *Unitika* (yarn, monofil & staple)
Polyester	Okazaki *Marix* (ind yarn & spunbonded)

UNITIKA KASEI CO., LTD.

Vinal	Sakoshi (Akoh City) *Mewlon* (yarn, monofil & staple)

UNITIKA RAYON CO., LTD.

Rayon	Okazaki & Uji (ind & reg yarn)

YOSHIDA KOGYO K.K.

Polyester	Kurobe (yarn)

OLEFIN FIBER

CHISSO POLYPRO FIBER CO., LTD. Moriyama *Chisso Polypro*, *ES Fiber* (P yarn & staple)

DAIWABO CO., LTD. Harima *Daiwabo Polypro*, *NBF Fiber* (E & P staple)

HAGIHARA INDUSTRY CO., LTD. Kurashiki (E monofil & film)

HIRATA SPINNING CO., LTD. Yokkaichi *Hiralon* (E & P yarn & monofil)

INABA SEIKO, LTD. Gamagori (E monofil)

KANEYA SEIKO, LTD. Hokkaido & Kushiro (P monofil)

KUREHA CHEMICAL INDUSTRY CO., LTD. Mibu, *Kureha Polypropylene* (P monofil)

MARUAI CO., LTD. Toyohashi (E monofil)

MITSUBISHI RAYON CO., LTD. Toyohashi *Mitsubishi Pylen* (P yarn & monofil)

MITSUI TOATSU CHEMICALS, INC. Iwakuni (Pilot Plant) & Nagoya *Hi-Zex* (E monofil)

NAGANO KAKO CO., LTD. Nagano (E monofil)

SHOWA POLYMER CO., LTD. Ibaraki (E monofil & film)

TAI-RAY CO., LTD. Mito *Danzex*, *Danzex Lite*, *Lipion* (E monofil, P yarn & monofil)

TANIYAMA CHEMICAL INDUSTRY CO., LTD. Okayama *Tanikalon* (E monofil)

TOA WOOL SPINNING & WEAVING CO., LTD. Tomari *Toabo Polypro* (P staple)

TONEN SEKIYUKAGAKU K.K. (TONEN PETROCHEMICAL CO., LTD.) Kawasaki *Tapyrus* (P spunbonded)

TOYOBO CO., LTD. Osaka (Pilot Plant) (E monofil)

UBE-NITTO KASEI CO., LTD. Fukuyama & Gifu *Sun Line*, *Ube-Nitto Polypro* (E monofil & P yarn, monofil & staple)

OLEFIN FILM FIBER, only

DAIDO KASEI Osaka

FUJIMOTO SANGYO Osaka

OKAMOTO CHEMICAL Ehime

SAKAI KASEI Osaka

SANSO JUSHI Yokkaichi

SANTO CHEMICAL Aichi

SEKISUI CHEMICAL Amagasaki & Nara

ISRAEL

ISRAEL CHEMICAL FIBRES LIMITED
Acrylic Ashdod (staple & tow)
NILIT
Nylon 66 Migdal Ha-Emek (yarn)
Polyester Migdal Ha-Emek (yarn)

ITALY

ALBATESSILE S.p.A.
Polyester Alba, Piemonte (yarn)
ANICFIBRE S.p.A.
Acrylic Ottana & Porto Torres, Sardegna *Euroacril* (staple & tow)
Nylon 6 Pisticci, Lucania *Nivion* (yarn & staple)
Polyester Ottana & Pisticci *Fidion* (staple & tow)
Polyesteramide Pisticci (pilot plant) (yarn & staple)
AQUAFIL S.p.A.
Nylon 6 Arco di Trento, Trentino *Aqualon* (yarn)
Polyester Arco di Trento (yarn)
BEMBERG S.p.A.
Nylon 6 Gozzano, Piemonte *Ortalion* (yarn)
Rayon Gozzano (cupra yarn)
CARPOL S.p.A. (affiliate of Anicfibre)
Nylon 6 Forli, Emilia Romagna (yarn)
FILATURÁ DI VAL LESINA S.p.A.
Polyester Andalo Valtellino, Lombardia *Valena* (yarn)
FIMALON S.p.A.
Nylon 66 Castelnuovo Valsugana, Trentino Alto Adige (yarn)
FORTEX SIDAC S.p.A.
Nylon 6 Forli, Emilia Romagna *Forlion* (yarn)
FRATELLI FRANCHI S.p.A.
Nylon 6 Canapale, Toscana *Frankilon* (yarn)
Polyester Canapale *Frankilene* (yarn)

MONTEFIBRE GROUP●
  INDUSTRIE TESSILI VERCELLI S.p.A.
Acetate Vercelli, Piemonte (yarn)
  SOCIETA ITALIANA POLIESTERE S.p.A.
Polyester Acerra, Campania *Terital* (yarn, staple & tow)
  SOCIETA ITALIANA PRODOTTI ACRYLIC S.p.A.
Acrylic Porto Marghera, Veneto *Leacril* (staple & tow)
NOVACETA S.p.A.
Acetate Magenta, Lombardia (yarn)
RADICI FIL S.p.A.
Nylon 6 Casnigo, Lombardia *Radital* (yarn & staple)
SETTE STELLE
Nylon 6 Castelgoffredo, Lombardia (yarn)
SNIA FIBRE S.p.A.
Acrylic Cesano Maderno, Lombardia, Villacidro, Sardegna *Velicren, Velicren F.R.* (staple & tow)
Nylon 6 & 66 Castellaccio, Lazio; Cesano Maderno & Varedo, Lombardia; Villacidro; Napoli, Campania *Coro Lilion Souple, Lilion Styl* (yarn, staple & tow)
Polyester Napoli, *Wistel, Wistel F.R.* (yarn)
Rayon Rieti, Lazio (reg yarn)
SOCIETA INDUSTRIALE CREMONESE S.p.A.
Rayon Pizzighettone, Lombardia (ind yarn)

ITALY (continued)

TEXTILE PRODUKTE
Nylon 6 Villa D'Ogna, Lombardia (yarn & staple)
TORCITURA DI BORGOMANERO S.p.A.
Nylon 6 Milano, Lombardia *Borgolon* (yarn)

OLEFIN FIBER

EUROFIL Gandino, Lombardia (P staple)
FILATURA I DELEBIO S.p.A. Delebio, Lombardia *Delebion* (P yarn)
FILLI FRANA Casnigo, Lombardia (P staple & film)
I.T.S. Legnano, Lombardia (P yarn)
HIMONT ITALIA S.p.A. (Formerly Merak S.p.A. and Neofil S.p.A.) Terni, Umbria *Meraklon* (P yarn & staple)
NOVASAR Caronno Pertusella, Lombardia (P yarn & staple)
POLYMECON Zibido S. Giacomo, Lombardia (P staple & film)
SERGEL Casnigo, Lombardia (P staple & film)
TEXTILE PRODUKTE Villa D'Ogna, Lombardia (P staple)

OLEFIN FILM FIBER, only

CARPET BACKING S.p.A. Ceniga
I.T.P.
LICANA NORD S.p.A. Cassano d'Adda (Milano)
DE MAGISTRIS EMILIO Bagnolo Cremasco
MILANPLAST s.r.l. Milano
MOPLEFAN S.p.A. Milano
NEOFIBRE s.r.l. Lendinara
SACHIM (MUMMOLO) Bari
S.E.A.L. S.p.A. Milano
S.I.S.A.L. S.p.A. Piacenza
STIROSIR S.p.A. Milano
TESSITURA LOMBARDA DI CONSONNI ELIA ALBIATE

TEXTILE GLASS FIBER

MONTEDISON Vado Ligure, Liguria
VETROTEX ITALIA Besana Brianza, Lombardia (yarn)

JAPAN

ASAHI CHEMICAL INDUSTRY CO., LTD.
Acrylic Fuji *Cashmilon, Pewlon* (yarn & staple)
Nylon 6/66 Moriyama & Nobeoka *Asahi Kasei Nylon, Leona* (yarn, monofil & spunbonded)
Polyester Nobeoka *Asahi Kasei Ester* (yarn)
Rayon Nobeoka (reg & cupra yarn, cupra staple & cupra spunbonded)
Saran Suzuka (yarn, monofil & staple)
Spandex Moriyama *Roica*
DAIWABO CO., LTD.●
Rayon Masuda (staple)
FUJI SPINNING CO., LTD.
Rayon Toyo (staple)
Spandex Kozakai *Fujibo Spandex*
JAPAN EXLAN CO., LTD.
Acrylic Saidaiji *Exlan* (staple)
KANEBO RAYON, LTD.
Rayon Hofu (staple)
KANEBO SYNTHETIC FIBERS, LTD.
Acrylic Hofu *Kanebo Acryl* (staple)
Nylon 6 Hofu *Kanebo Nylon* (yarn)
Polyester Hofu & Sabae *Kanebo Polyester* (yarn)
Spandex Hofu *Kanebo Loobell*

JAPAN (continued)

TOYAMA Chiba
WAKO SPINNING CO. Gifu
YAMAJIN TEXTILE Fukui

GLASS FIBER

ASAHI FIBER GLASS CO., LTD. Ibaraki & Shonan *Glasslon*
ASAHI-SCHWEBEL CO., LTD. Moriyama
CENTRAL GLASSFIBER CO., LTD. Matsusaka
FUJI FIBER GLASS CO. Moka
KANEBO, LTD. Gunma *Textoglass*
NIPPON GLASS FIBER CO., LTD. Ibaraki & Tsu *Micro Glass*
THE NIPPON MINERAL FIBER MFG. CO. Tarui & Yuki *Superfine*
NITTO BOSEKI CO., LTD. Fukushima *Iceberg*
PARAMOUNT GLASS MFG. CO., LTD. Koriyama & Suzuka *Fether Glass*
UNITIKA U.M. GLASS CO., LTD. Kyoto *Unitika U.M.*

KENYA

AFRICA SYNTHETIC FIBER LTD.
Nylon 6 Thika (yarn)
Polyester Thika (staple)
JAYDEES KNITTING LTD.
Polyester Nairobi (yarn)
KENYA FIBRE CORPORATION LTD.
Polyester Nanyuki (yarn & staple)
SUN FLAG LTD.
Polyester (yarn)

OLEFIN FIBER

UNISACK LTD. Thika (P film)

KOREA
PEOPLE'S DEMOCRATIC REPUBLIC OF (NORTH)

A number of man-made fiber plants are said to be operating in North Korea (see June 1970 *Organon* issue, page 113); however, no data for this country are recorded in any table of this issue due to lack of reliable information.

KOREA
REPUBLIC OF (SOUTH)

CHEIL SYNTHETIC TEXTILES COMPANY
Polyester Kumi *Elson* (yarn & staple)
DAEHAN SYNTHETIC FIBER COMPANY
Polyester Ulsan *Acelan* (yarn & staple)
GORYEO NYLON CORPORATION LTD.
Nylon 6 Kyungsan Kun *Kolon* (yarn)
HANIL SYNTHETIC FIBER INDUSTRIAL COMPANY
Acrylic Masan *Hanilon* (staple)
JEIL SYNTHETIC FIBERS COMPANY●
Polyester Seoul *Oplen* (yarn)
KOHAP, LTD.●
Nylon 6 Shihung *Palmylon* (yarn & staple)
Polyester Shihung *Palmylon* (yarn & staple)

KOREA

KOLON INDUSTRIES INC.
Nylon 6 Kumi & Taegu *Kolon* (yarn)
Polyester Kumi *Kolon* (yarn)
SAMYANG COMPANY, LTD.
Polyester Chunju *Triron* (yarn & staple)
SUNKYONG FIBRES LTD.
Acetate Suwon *Sunkyong* (yarn & tow)
Polyester Suwon & Ulsan *Sunkyong* (yarn & staple)
TAEKWANG INDUSTRIAL COMPANY
Acrylic Ulsan *Acelan* (staple)
Spandex Ulsan *Acelan* (yarn)
TONGKOOK FIBRES LTD.
Polyester Kumi* (yarn)
TONGYANG NYLON COMPANY
Nylon 6 Anyang & Ulsan *Toplon* (yarn)
Polyester Ulsan *Toplon* (yarn)
TONGYANG POLYESTER COMPANY
Polyester Ulsan *Toplon* (yarn)
WONJIN RAYON COMPANY, LTD.
Rayon Donong *Coray* (reg yarn & staple)

OLEFIN FIBER

JEIL SYNTHETIC FIBERS COMPANY Seoul *Oplene* (P yarn & staple)
KOHAP, LTD. Shihung *Happylon, Pylon* (P staple)
KUMSUNG SYNTHETIC FIBER CO., LTD. Seoul *Hopelon, Polon* (P staple) (idle)

LIBYA

LIBYA NATIONAL OIL CORPORATION (LINOCO)
Nylon 6 Marsa Al-Brega* (yarn)
Polyester Marsa Al-Brega* (staple)

LUXEMBOURG

TECHNOFIBRES
Polyester Mertert (yarn)

Production and capacity data are combined with Belgium and the Netherlands under "Benelux" on page 107-108.

OLEFIN FIBER

DU PONT FIBRES S.A. Contern-Hesperange *Typar* (P spunbonded)

MALAYSIA

PENFIBRE SDN. BHD.
Polyester Penang (staple)

MALTA

NYLON KNITTING CO. LTD.
Nylon 6 Qormi (yarn)

Production and capacity data are combined with Italy.

MEXICO

CELANESE MEXICANA, S.A.

Acetate	Ocotlán, Jalisco (yarn & staple)
Acrylic	Zacapu, Michoacán (staple, tow & tops)
Nylon 6	Ocotlán & Toluca, México *Duracel, Nycel* (yarn & staple)
Polyester	Ocotlán, Querétaro, Querétaro & Toluca *Crolan* (yarn & staple)

CELULOSA Y DERIVADOS, S.A.

Acrylic	Atequiza, Jalisco *Crysel* (staple, tow & tops)
Rayon	Monterrey, Nuevo León (ind & reg yarn)

FIBRAS QUIMICAS, S.A.

Nylon 6	Monterrey, Nuevo León *Supernylon Cydsa* (yarn & monofil)
Polyester	Monterrey *Terlenka* (yarn)

FIBRAS SINTETICAS, S.A.

Acrylic	Cotaxtla, Veracruz *Fisisa* (staple, tow & tops)
Nylon 6	Cotaxtla *Fisisa* (yarn & monofil)
Polyester	Cotaxtla & México *Fisisa* (yarn & staple)

FIBRASOMNI, S.A.●

Nylon 6	Ixtapalapa, D.F. *Omni-Nylon* (monofil)
Saran	Ixtapalapa *Omni-Saran* (monofil)

FINACRIL, S.A.

Acrylic	Altamira (staple, tow & tops)

INDUSTRIAS PETROQUIMICAS MEXICANAS, S.A.

Polyester	El Salto, Jalisco *Inpetmex* (yarn)

KIMEX, S.A.

Nylon 6	Tlalnepantla, México *Aztecron* (yarn)
Polyester	Tlalnepantla, *Kintrel* (yarn)

NYLON DE MEXICO, S.A.

Nylon 6	La Leona, Nuevo León, *Nylfil* (yarn & staple)
Polyester	La Leona *Delcron* (yarn, staple, tow & fiberfill)
Spandex	La Leona *Likra* (fused multifil)

OLEFIN FIBER

FIBRASOMNI, S.A. Ixtapalapa, D.F. *Politen-Omni* (E monofil), *Polyprop-Omni* (P yarn & monofil)

INDUSTRIAS POLIFIL, S.A. Ixtacuixtla, Tlaxcala *Pliana* (P yarn & staple)

PLASTICOS INDUSTRIALIZADOS, S.A. Monterrey, Nuevo León (P staple)

OLEFIN FILM FIBER, only

HILOS Y CORDELES, S.A. Tlalnepantla, México

PLASTICEL, S.A. Monterrey, Nuevo León *(Plasticel)*

POLISAC, S.A. (affiliate of Nylon de México, S.A.), Guadalajara, Jalisco *(Polisac)*

GLASS FIBER

VITRO-FIBRAS, S.A. Zacatenco, D.F. *Vitro-Fibras*

NETHERLANDS

DU PONT DE NEMOURS (NEDERLAND) N.V.

Spandex	Dordrecht *Lycra* (fused multifil)

ENKA B.V.

Aramid	Arnhem, Emmen *Arenka* (yarn)
Nylon 6	Emmen *Enka Perlon, Enkalon* (yarn)
Polyester	Emmen *Diolen, Terlenka* (yarn & staple)
Rayon	Arnhem (ind yarn) & Ede (reg yarn)

OLEFIN FIBER

LANKHORST TOUWFABRIEKEN B.V. Sneek *Tiptolene* (E monofil & P film)

T.T.C. POLYOLEFINS B.V. Nijverdal (P monofil, film & staple)

N.V. VERTO Rotterdam (P film)

NETHERLANDS (continued)

GLASS FIBER

SILENKA B.V. Hoogezand (Groningen) *Silenka*

Cellulosic production and capacity data are combined with Belgium on page 111-112. Noncellulosic production and producing capacity data are combined with Belgium and Luxembourg under "Benelux" on page 107-108.

NICARAGUA

OLEFIN FIBER

MANUFACTURERA CENTRO AMERICANA S.A. (MACEN) Managua (P film)

NIGERIA

NICHEMTEX INDUSTRIES LTD.

Polyester	Ikorodu, Lagos *Nigerlene* (yarn & staple)

NORWAY

OLEFIN FIBER

A/S PLATON, AVD. TEKSTIL Notodden *Filmtex* (E & P film)

NORFIL-NORPACK A/S Stavern, near Larvik *Akvaflex* (P yarn, E & P monofil & film)

STAL OG TAU Tonsberg *Norseflex* (P film)

GLASS FIBER

NORSK GLASSFIBER A/S Birkeland

PAKISTAN

BENGAL FIBER INDUSTRIES, c/o BENGAL OIL MILLS LIMITED

Nylon 6	Karachi *Nylpak* (yarn)
Polyester	Karachi (yarn & staple)

DILON LIMTED

Nylon 6	Landhi *Dilon* (yarn)
Polyester	(yarn*)

GATRON INDUSTRIES LIMITED

Polyester	Hub Chowki (yarn)

HASHWANI GROUP

Polyester	Sind Province (yarn)

ICI PAKISTAN MANUFACTURERS LTD.

Polyester	Lahore *Tere-Pak* (staple)

NATIONAL FIBERS LIMITED

Polyester	Korangi, Karachi (yarn & staple)

NILOM NYLON MILLS LIMITED

Nylon 6	Lyallpur *Nilom* (yarn & monofil)

PAK FIBRE INDUSTRIES LIMITED

Polyester	Hub Chowki (yarn)

POLYTEX

Polyester	(yarn)

RAVI RAYON LIMITED

Acetate	Kala Shah Kaku, Sheikhupura District, Krasil (yarn)

RUPALI POLYESTER LIMITED

Polyester	Karachi* (yarn & staple)

S.G. RAYON MILLS LIMITED

Polyester	Karachi (yarn)

SYNTHETIC POLYLON

Polyester	Katri (yarn), Hub Chowki (staple)

PERU

BAYER INDUSTRIAL S.A.
Acrylic Lima *Dralon* (staple)
FILAMENTOS INDUSTRIALES, S.A.
Nylon 6 Lima* (yarn)
Polyester Lima (yarn)
MANUFACTURA NYLON S.A.
Nylon 6 Vitarte, near Lima (yarn)
Polyester Vitarte *Diolen* (staple)
MANUFACTURAS DEL SUR S.A.
Nylon 6 Arequipa *Long Life, Mistilon* (yarn)
Polyester Arequipa (yarn & staple)
RAYON Y CELANESE PERUANA S.A.
Acetate Lima (yarn)
Nylon Lima (staple)
Polyester Lima *Forcel* (yarn, staple, tow & tops)
RETEX PERUANA, S.A.
Nylon 6 Ventanilla, Callao (yarn)

OLEFIN FILM FIBER, only

NORSAC S.A. Trujillo
POLICEL DEL PERU S.A., Lima
SACOS DEL SUR S.A. Arequipa
SACOS PISCO S.A. Pisco

PHILIPPINES, REPUBLIC OF THE

AMERICAN PHILIPPINE FIBER INDUSTRIES, INC.
Nylon 6 San Pedro, Laguna *Apfi Nylon* (yarn)
Polyester San Pedro *Apfi Polyester* (yarn)
FILIPINAS SYNTHETIC FIBER CORPORATION
Polyester Sta. Rosa, Laguna *Filsyn* (yarn & staple)
LAKEVIEW INDUSTRIAL CORPORATION
Polyester Carmona, Rizal *Licron* (yarn & staple)
PHILIPPINE POLYAMIDE INDUSTRIAL CORPORATION (PPIC)
Nylon 6 Calamba, Laguna *Philippine Polyamide* (yarn)
TEXFIBER CORPORATION
Nylon 6 Taytay, Rizal *Texfiber* (yarn)

OLEFIN FIBER

INDUSTRIAL TEXTILE MANUFACTURING CO. (ITEMCOP) Mandaluyong, Rizal (P film)
MANILA CORDAGE COMPANY Manila (P film)

POLAND

CHODAKOWSKIE ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX"
Rayon Sochaczew (reg yarn)
WROCŁAWSKIE ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX"
Rayon Wrocław (reg yarn)
ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX-ANILANA"
Acrylic Łódź *Anilana* (staple)
Azlon Łódź *Wipolan* (staple, casein base)
ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX-CELWISKOZA"
Polyester Jelenia Góra *Elana* (staple)
Rayon Jelenia Góra (staple)
Spandex Jelenia Góra (pilot plant) *Elaston* (yarn)

POLAND (continued)

ZAKŁADY WŁOKIEN CHEMICZNYCH "ELANA"
Polyester Toruń, Bydgoszcz *Torlen* (yarn), *Elana* (staple)
ZAKŁADY WŁOKIEN CHEMICZNYCH "STILON"
Nylon 6 Gorzów Wielkopolski *Lanastil, Stilon* (yarn), *Polana* (staple)
ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX-WISKORD"●
Rayon Szczecin-Zydowce (reg yarn)
ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX-WISTOM"
Rayon Tomaszów Mazowiecki, Łódź (ind & reg yarn & staple)

OLEFIN FIBER

ZAKŁADY PRZEMYSŁU LNIARSKIEGO LENKO Bielsko-Biała (P film)
ZAKŁADY PRZEMYSŁU LNIARSKIEGO SKARBKOW Misrk, Wroclaw (P staple)
ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX-WISKORD" Szczecin-Zydowce (P staple)

GLASS FIBER

KROSNIENSKIE HUTY SZKLA Krosno
ZAKŁADY WŁOKIEN CHEMICZNYCH "CHEMITEX-ANILANA" Łódź *Polsilon*

PORTUGAL

COMPANHIA INDUSTRIAL DE FIBRAS ARTIFICIAS (CIFA), S.A.R.L.
Nylon 6 Sobrado, Valongo *Cifalon* (yarn)
Rayon Sobrado (reg yarn & staple)
FIBRAS SINTÉTICAS DE PORTUGAL, S.A.R.L. (FISIPE)
Acrylic Lisbon *Vonnel* (staple, tow & tops)
FINICISA - FIBRAS SINTÉTICAS, S.A.R.L.
Polyester Portalegre, Alto Alentejo *Terylene* (staple)
TEXTIL ARTIFICIAL DO PORTO, LDA.
Rayon Porto (reg yarn)

OLEFIN FIBER

ALICATIFAS DA LOUSA (P staple)
FERCOL (P staple)
LUSOTUFO (P staple)
QUIMIGAL - QUIMICA DE PORTUGAL, E.P. Barreiro (P staple & film)

OLEFIN FILM FIBER, only

CERFIL Maia - Douro
CORDEX - COMPANHIA INDUSTRIAL TEXTIL, S.A.R.L. Esmoriz
COTESI - COMPANHIA DE TEXTEIS SINTÉTICOS S.A.R.L. Carvalhos
EUROFIL - INDUSTRIAS DE PETROLEOS PLASTICOS E FILAMENTOS, S.A.R.L. Lisbon
FÁBRICA DE TAPETES VITÓRIA Mira d'Aire
FERNANDES & COSTA, LDA. Seia
MANUEL RODRIGUES DE LIMA & FILHOS Cortegaca
MANUEL RODRIGUES D'OLIVEIRA, S.A. LDA. M. Maia
QUINTAS & QUINTAS Povoa de Varzim
SICOR - SOCIEDADE INDUSTRIAL DE CORDOARIA S.A.R.L. Cortegaca

GLASS FIBER

QUIMIGAL - QUIMICA DE PORTUGAL, E.P. ● Barreiro

ROMANIA

COMBINATUL DE FIBRE ARTIFICIALE

Rayon	Braila, Dej* & Suceava* (ind yarn & staple)
Polyester	Vaslui (yarn)

FABRICA DE FIBRE ARTIFICIALE "VISCOFIL"

Rayon	Popesti-Leordeni, near Bucuresti (reg yarn)

FABRICA DE FIBRE ARTIFICIALE "VISCOZA"

Rayon	Lupeni (reg yarn)

UZINA DE FIBRE SINTETICE IASI

Polyester	Iasi *Teron* (yarn, staple, tow & tops)

UZINA DE FIBRE SINTETICE SAVINESTI

Acrylic	Savinesti, near Piatra Neamt (Bacau Region) *Melana* (staple & tops)
Nylon 6	Savinesti *Relon* (yarn & staple)

SOUTH AFRICA, REPUBLIC OF

CONSOLIDATED TEXTILE MILLS (part of Frame Group of Companies)

Polyester	Jacobs, Natal (yarn & staple - captive)

HOECHST SOUTH AFRICA (PTY.) LTD.

Polyester	Milnerton, Cape Province *Trevira* (staple)

KAYMAC INDUSTRIES

Polyester	Atlantis Cape *Bidim* (spunbonded)

SOUTH AFRICAN NYLON SPINNERS (PTY.) LIMITED

Nylon 66	Bellville, Cape Province *Bri-Nylon* (yarn)
Polyester	Bellville & Hammarsdale, Natal *Terylene* (yarn)

OLEFIN FIBER

ROMATEX MILLS Jacobs, Natal (P film)

SPAIN

BRILEN S.A.

Polyester	Barbastro, Huesca & Igualada, Barcelona (yarn & staple)

COURTAULDS FIBRES S.A.

Acrylic	Prat de Llobregat, Barcelona *Crilenka* (staple & tow)

DE FIBRE S.A.

Nylon 66	Vendrell, Tarragona

INDUSTRIAS DEL ACETATO DE CELULOSA, S.A. (INACSA)

Acetate	La Batlloria, Barcelona (yarn)

INDUSTRIAS QUIMICAS TEXTILES S.A. (INQUITEX)

Nylon 6	Andoain, Guipuzcoa *Carbyl, Nylhair, Trinyl* (yarn & staple)

LA SEDA DE BARCELONA, S.A.

Nylon 6	Alcalá de Henares, Madrid *Dayan, Enkalon* (yarn & staple)
Polyester	Prat de Llobregat, Barcelona *Terlenka* (yarn & staple)
Rayon	Prat de Llobregat (reg yarn)

MONTEFIBRE HISPANIA S.A.

Acrylic	Miranda de Ebro, Burgos *Leacril* (staple)

NUREL S.A.

Nylon 6	Záragoza, Záragoza *Nurel* (yarn)
Polyester	Záragoza *Terylene* (yarn & staple)

SOCIEDAD ANONIMA DE FIBRAS ARTIFICIALES (SAFA)

Nylon 66	Blanes & San Julian de Ramis, Gerona *SAFA* (yarn & staple)
Polyester	Blanes *Tergal, Teriber* (yarn & staple)

SOCIEDAD NACIONAL DE INDUSTRIAS APLICACIONES CELULOSA ESPANOLA, S.A. (SNIACE)

Nylon 6	Torrelavega, Sántander *Lilion* (yarn & staple)
Rayon	Torrelavega (staple)

SPAIN (continued)

OLEFIN FIBER

PAULAR, S.A. - EMPRESA PARA LA INDUSTRIA QUIMICA Puertollano, C.R. *Istrakin* (P monofil & film)

PROFILEX (P staple)

PROPILAN (P staple)

SERINA TEXTIL (P staple)

SOCIEDAD ANONIMA ITALO ESPAÑOLA (SAITES) Sabadell, Barcelona (P staple & film)

TEXTIL ARMENGOL Bruch, Barcelona (P staple & film)

OLEFIN FILM FIBER, only

CONDEROLS S.A. Granada

CORDELERIAS BARAS S.A. Gijon, Asturias

CORDELERIAS MAR S.A. Vigo, Pontevedra

HILATURAS Y CORDELERIA S.A.-"HILCOSA" Barcelona

HIRESA Callosa de Segura, Alicante

YUTE INDUSTRIAL S.A. Valéncia

GLASS FIBER

FIBRAS MINERALES, S.A. Alcalá De Henares, Madrid *Vitrotex*

SRI LANKA

CEYLON PETROCHEMICAL CORPORATION

Nylon 6	Sapugaskan (yarn & monofil)

SWEDEN

SONESSON PLAST AB●

Nylon 6/66	Malmö (monofil)

SVENSKA RAYON AKTIEBOLAGET

Rayon	Älvenäs, Valberg (reg yarn & staple)

OLEFIN FIBER

SONESSON PLAST AB Malmö *Laveten* (E & P monofil)

GLASS FIBER

SCANDINAVIAN GLASFIBER AKTIEBOLAG Falkenberg

SWITZERLAND

EMS INDUSTRIES, LTD.

Nylon 6	Ems, Graubünden *Grilon* (staple)
Polyester	Domat/Ems *Grilene* (staple)

NOYFIL S.A.

Nylon 6	Stabio (yarn)
Polyester	Ems (yarn)

VISCOSUISSE AG

Nylon 6/66	Emmenbruecke, Luzern & Widnau, St. Gallen *Nylsuisse, Flixor* (yarn & staple)
Polyester	Widnau *Tersuisse* (yarn)

OLEFIN FILM FIBER, only

AROVA SCHAFFHAUSEN A.G. Schaffhausen

VOGT & CO. Reinach

TAIWAN

CENTURY EVERGREEN CORP.
Polyester Tainan *Centuron* (yarn)
CHENTA CHEMICAL INDUSTRIAL CORPORATION
Nylon 6 Kaohsiung *Rabbit* (yarn)
CHINA MAN-MADE FIBER CORPORATION
Rayon Tou Fen *Queen* (reg yarn & staple)
CHUNG SHING TEXTILE CO., LTD.
Nylon 6 Tao Yuan *Tasinlon, Three Gun* (yarn)
Polyester Tao Yuan *Tasinlon* (yarn & staple)
FAR EASTERN LTD.
Polyester Hsin Chu *Eastlene, Eastlon* (yarn & staple)
FORMOSA CHEMICALS & FIBER CORPORATION (part of Formosa Plastics Group)
Nylon 6 Chang Hwa *Sunylon* (yarn)
Rayon Chang Hwa *Tarsiyon* (reg yarn & staple)
PACIFIC ENTERPRISES LTD.
Nylon 6 Tao Uyan *P.E.L.* (yarn)
Polyester Tao Yuan (yarn)
SAN YUAN HSING ENTERPRISE COMPANY
Nylon 6 Kaosiung (monofil-captive)
SHINKONG SYNTHETIC FIBERS CORPORATION
Polyester Tao Yuan *Shinlon* (yarn & staple)
SYNTHETIC FIBER MILLS CORPORATION
Nylon 6 Tao Yuan *Synlon* (yarn)
TA MING FIBERS INDUSTRIAL CORPORATION
Nylon 6 Tao Yuan *Ta Ming Nylon* (yarn)
Polyester Tao Yuan *Poylon* (yarn)
TAINAN SPINNING CO., LTD.
Polyester Tainan *Nanlon* (yarn & staple)
TONG HWA SYNTHETIC FIBER CO., LTD.
Acrylic Chu Pei *Townflower* (staple & tow)
TUNG HO SPINNING WEAVING & DYEING CO., LTD.
Polyester Tainan *Pearlylene* (staple)
TUNTEX DISTINCT CORP.
Polyester Hsin Su *Tuntex* (yarn)
UNITED SYNTHETIC FIBERS CORPORATION
Polyester Tao Yuan *King Long* (staple)
VANLON FIBERS INDUSTRIAL CORPORATION
Nylon 6 Tao Yuan *Vanlon* (yarn)
Polyester Tao Yuan *Vanlon* (yarn)
YU HO FIBER INDUSTRIAL CORPORATION
Polyester Tao Yuan *Luxlen* (yarn)
YUNG CHIN FIBER CO. LTD.
Nylon 6 Kaohsiung *Hailon* (yarn)

OLEFIN FIBER

CHIA YANG INDUSTRIAL CO., LTD. Hsi-Chih (P monofil)
CHIEN SUN PLASTIC INDUSTRIAL CO., LTD. Hsin-Chu (E & P film)
CHINA FOLEX CORPORATION Shih-Lin (E & P monofil)
CHUNG KUANG PLASTIC CO., LTD. Chang-Hua (E & P film)
FULLMARK INDUSTRIAL CO., LTD. Hsin-Chu (E & P monofil)
FUU WON CHEMICAL INDUSTRIAL CO., LTD. Tu-Chen (P yarn)
HSIEH CHIN FISHING NET COMPANY, LTD. Kaohsiung *Hsieh Chin* (E monofil - captive)
HUNG FENG ENTERPRISE CO., LTD. Yang-Mei (P monofil)
IEN YI FIBER INDUSTRIAL CO., LTD. Chi-Do Goble (E monofil)
JUI I CHEMICAL INDUSTRIAL CO., LTD. Tou-Yuan (E & P monofil)
KUO HSIANG ENTERPRISE CO., LTD. Yang-Mei (E & P monofil)

TAIWAN (continued)

LIEN FU CHEMICAL COMPANY LTD. Tou-Fen (E & P monofil)
MEI LON FIBER CO., LTD. Chang-Hua (E monofil)
PAO TSUNG TAI INDUSTRIAL CO., LTD. Tainan (P film)
POLON FIBER INDUSTRIAL CO., LTD. Chung-Li (P monofil)
SAN YANG INDUSTRIAL COMPANY LTD. Nei Hu Hsiang (P film)
TAI YEE CHEMICAL INDUSTRIAL CO., LTD. Chung-Li (E & P monofil)
UNITED FIBER INDUSTRIAL CO., LTD. Chung-Li (E & P monofil)
YAO CHENG PLASTIC CO., LTD. Pan-Chaio (P yarn)

TANZANIA

SUN FLAG TEXTILE KNITWEAR MILLS LTD.
Polyester Arusha (yarn)

THAILAND

ASIA FIBER CO., LTD.
Nylon 6 Samut Prakarn *AFC* (yarn)
HANTEX CORPORATION LTD.
Nylon 6 Mahacha, Samut Sakorn (yarn)
ORIENTAL FIBRE
Polyester Samut Sakorn (yarn)
TEIJIN POLYESTER (THAILAND) LTD.
Polyester Pathumthani, Bangkok *TEIJIN TETORON* (yarn & staple)
THAI MELON POLYESTER CO., LTD.
Polyester Pathumthani, Bangkok (yarn & staple)
THAI RAYON CO., LTD.
Rayon Ang Thong (staple)
TORAY NYLON THAI COMPANY
Nylon 6 Bangkhen, Bangkok *TNT* (yarn & staple)
Polyester Bangkhen *TNT* (yarn)

TURKEY

AKRILIK KIMYA SANAYII A.S. (AKSA)
Acrylic Yalova *Aksa* (staple)
FILAMENT SENTETIK IPLIK VE ELYAF SANAYII A.S.
Polyester Bursa *Filament* (yarn & staple)
GEMLIK SUNI IPEK VE VISKOZ MAMULLERI SANAYII MUESSESESI (GEMLIK ARTIFICIAL SILK & VISCOSE PRODUCTS INDUSTRY) (Operated by The Sumerbank)
Rayon Gemlik (staple)
INSA ISTANBUL NAYLON SANAYII A.S.
Nylon 6 Istanbul *Islon* (yarn)
Polyester Istanbul (yarn)
M.N. SABUNCU
Polyester Adana *MNS* (yarn) (idle)
NERGIS A.S.
Polyester Bursa (yarn)
POLYLEN SENTETIK IPLIK SANAYII A.S.
Polyester Bursa *Polylene* (yarn)
SANCAK TÜL SANAYII LTD., STI.
Polyester Istanbul *Lalelen* (yarn) (idle)
SASA SUNI VE SENTETIK ELYAF SANAYII A.S.
Polyester Adana *Perilon* (yarn & staple)

TURKEY (continued)

SENTETIK IPLIK FABRIKALARI, A.S. (SIFAS) (SYNTHETIC YARN FACTORIES CORPORATION)

Nylon 6	Bursa *SIFAS* (yarn & staple)
Nylon 66	Bursa (yarn)
Polyester	Bursa (yarn & staple)

SISAS

Polyester	Canakkale* (yarn)

TEKSTIPLIK SANAYII VE TICARET A.S.

Nylon 6	Edime *Dimlon* (yarn)

YALOVA ELYAF VE IPLIK SANAYII VE TICARET A.S.

Acrylic	Yalova *Yalova* (staple & tow)
Modacrylic	Yalova *Yalova* (staple & tow)

OLEFIN FIBER

BEZCI ELYAF SANAYII A.S. Istanbul

DINARSU ELYAF SANAYII A.S. Cerkezkoy, Tekirdag (P staple)

ELSAN ELYAF SANAYII VE TICARET A.S. Istanbul (P staple)

HALICIOGLU ELYAF SANAYII A.S. Haskoy, Istanbul (P staple)

SESAS ELYAF SANAYII A.S. Istanbul

GLASS FIBER

CAM ELYAF SANAYII A.S. Cayirova-Gebze (Izmit)

UNION OF SOVIET SOCIALIST REPUBLICS

RAYON PLANTS, reported at: Balakovo, Barnaul, Cherkassy (Ukraine), Kalinin, Kamensk, Kiev, Klin, Krasnoyarsk, Leningrad, Mogilev, Ryazan, Saratov, Sokol, Sverdlovsk and Svetlogorsk.

ACETATE PLANTS reported at: Engels, Fergana, Kaunas, Kirovakan and Moscow.

NYLON PLANTS reported at: Barnaul, Chernigov, Daughavpils, Engels, Grodno, Kemerovo, Kiev, Klin, Kursk, Leningrad, Rustavi, Shchekino and Zhitomer.

NONCELLULOSIC FIBER PLANTS reported at: Kursk (polyester), Blagoveshchensk (polyester*), Kustanay (vinyon), Minsk (polyester), Mogilev (polyester), Navoi, Polotsk and Saratov (acrylic modacrylic).

GLASS FIBER PLANTS reported at: Astrakhan, Kalinin, Khabarovsk, Leningrad, Mingechaur, Moscow, Polotsk, Salavat, Saratov, Sevan and Severodonetsk.

UNITED KINGDOM

ANGLIA FIBRES PLC●

Polyester	Hadleigh, Suffolk (monofil)
Polyvinylfluoride	Hadleigh *Kynar* (monofil)
Saran	Hadleigh *Saran* (monofil)

COURTAULDS FIBRES LTD.

Acrylic	Grimsby, Lincolnshire *Courtelle* (staple & tow)
Modacrylic	Coventry, West Midlands *Teklan* (staple & tow)
Rayon	Grimsby & Holywell, Clwyd, Wales (staple & tow)
Acetate	Coventry; Spondon, Derbyshire; & Wrexham, Clwyd, Wales *Dicel* (yarn, staple & tow)
Triacetate	Coventry & Spondon *Tricel* (yarn & staple)

DEAN DOVE LTD.

Polyester	Stanley, Durham (yarn)

DU PONT (U.K.) PLC

Spandex	Maydown, Londonderry, N. Ireland *Lycra* (fused multifil)

HOECHST FIBRE INDUSTRIES UK PLC

Polyester	Limavady, Londonderry, N. Ireland *Trevira* (yarn & monofil)

ICI FIBRES (a division of Imperial Chemical Industries PLC)

Biconstituent	Pontypool, Gwent, Wales; Workington, Cumbria; *Cambrelle, Floratex, Terram* (melded fabrics)
Nylon 66	Doncaster, Yorkshire; Gloucester, Gloucestershire; & Pontypool *Bri-Nylon, Buclon, Counterstat, Limbaki, Tactel, Pavanne, Tendrelle, Timbrelle* Superloft, (yarn, staple & tow)
Polyester	Pontypool & Wilton, Yorkshire, *Limbaki, Mitrelle, Superluft, Terinda, Terylene* (yarn, staple & tow)

UNITED KINGDOM (continued)

NYMOFIL PLC

Nylon 6/66	Poulton-le-Fylde, Lancashire (monofil)
Polyester	Poulton-le-Fylde (monofil)

PERI-LUSTA PLC

Nylon 6/66	Leek, Staffordshire (monofil)

OLEFIN FIBER

AMOCO FABRICS, DIVISION OF AMOCO (U.K.) PLC Consett, Durham (P film)

ANGLIA FIBRES PLC Hadleigh, Suffolk *TPX* (E & P monofil)

BELFAST ROPEWORK CO. PLC Belfast, N. Ireland *Bluebell* (E & P monofil, P yarn, staple & film)

CROMPTON AND BROTHERS (P staple)

DON FIBRES PLC Forfar, Angus, Scotland (P yarn, monofil, staple & film)

F. DRAKE (FIBRES) PLC Colcar, Huddersfield, Yorkshire *Gymlene* (P staple)

FILTRONA TEXTILE PRODUCTS PLC Dundee, Angus, Scotland *Filtrona* (P film); *Filtrona Fibre* (P staple)

FLEMMING'S ROPE & TWINES (WOOLSTON) PLC Warington, Lancashire (P monofil)

GREENVILLE CARPETS PLC Belfast, N. Ireland (P yarn)

HALL'S BARTON ROPERY CO. PLC Hull, Yorkshire (P film and E & P monofil)

THE HAWKINS AND TIPSON GROUP Hailsham, East Sussex (P staple & film)

McCLEERY L'AMIE GROUP PLC Belfast, N. Ireland (P yarn)

NORTHERN IRELAND CARPETS PLC Belfast, N. Ireland (P staple)

PLASTICISERS PLC Drighlington, Yorkshire, *Drylene* (E monofil); *Charisma, Duron, Fibrite, Tritor* (P yarn, monofil, film & staple)

POLYOLEFIN FIBRES & ENGINEERING PLC Bradford, Yorkshire *Downspun* (P staple)

OLEFIN FILM FIBER, only

BONAR TEXTILES PLC Dundee, Angus, Scotland

BRIDON FIBRES & PLASTICS PLC Gateshead & Sunderland, Durham & Wallsend, Northumberland *Broplene, Red Star, Viking*

FAIRBAIRN LAWSON PACKAGING PLC Barnsley, Yorkshire

POLYTAPE PLC Dundee, Angus, Scotland, *Propafil, Propatape*

ROKO CONTAINERS Nottingham

ROTHES PLASTICS PLC Glenrothes, Fife, Scotland

SMITH & NEPHEW POLYFABRIK PLC Newhey, near Rochdale, Lancashire *Polyweave*

SYNTHETIC FABRICS (SCOTLAND) PLC Forfar, Angus

SYNTHETIC INDUSTRIES (IRELAND) PLC Newry, Down, N. Ireland

TALBOT WEAVING CO. PLC Chorley, Lancashire

TAY TEXTILES Dundee, Angus, Scotland

GLASS FIBER

FIBREGLASS PLC (Subsidiary of Pilkington Brothers PLC) Wrexham, Clwyd, Wales *Fiberglass*

TBA INDUSTRIAL PRODUCTS PLC Camberley, Surrey & Hindley Green, Lancashire

FIBREGLASS-REGINA, a joint venture of FIBREGLASS PLC and the BBA GROUP PLC, is producing textile glass tissue (voile) at Liversedge and St. Helens, Merseyside.

UNITED STATES OF AMERICA

ALBANY INTERNATIONAL - MONOFILAMENT PLANT●

Fluoro	Homer, NY *Halar, Kynar, Teflon, Tefzel* (monofil)
Nylon 6, 66 & 612	Homer (monofil)
Polyester	Homer (monofil - regular & hydrolysis-resistant)

ALLIED CORPORATION, FIBERS DIVISION

Nylon 6	Columbia, SC & Hopewell, VA *A.C.E., Anso, Anso-Tex, Caprolan, Nypel* (yarn, monofil & staple)
Polyester	Moncure, NC *A.C.E.* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DIVISION

Acrylic	Milton, FL *Creslan* (staple & tow)

AMERICAN ENKA COMPANY, A PART OF AKZONA, INC.

Nylon 6	Enka, NC, Central, SC & Lowland, TN *Anti-Cling Crepeset, Enkalon, Enkalure, Enkasheer, Lurelon, Softalon, T.E.N.* (yarn & staple)
Polyester	Lowland, *Crepesoft, Encron, Encron 8, Enka, Golden Glow, Golden Touch, Matte Touch, Ply Loc, Polyextra, Shanton, Silky Touch, Ultra Touch* (yarn & staple)
Rayon	Lowland, *Absorbit, Enkaire, Enkrome, Fiber 700, IT* (staple)

AMERICAN HOECHST CORPORATION, HOECHST FIBERS INDUSTRIES DIVISION

Polyester	Spartanburg, SC *Trevira* (yarn, monofil, staple & spunbond)
PVC	Delaware City, DE (film)

AMETEK INC., SPECIAL FILAMENTS DIVISION●

Nylon 6, 66 612 & 11	Odenton, MD (monofil)
Polyester	Odenton (monofil)
Saran	Odenton (monofil)

AVTEX FIBERS INC.●

Acetate	Meadville, PA (yarn)
Polyester	Lewistown, PA *Avlin* (yarn)
Rayon	Front Royal, VA (ind yarn & staple)
Vinyon	Meadville (staple)

BADISCHE CORPORATION

Acrylic	Williamsburg, VA *Zefran* (staple)
Nylon 6	Anderson, SC *Zefron* (yarn & staple)

BERKLEY & CO., INC.●

Nylon 6	Spirit Lake, IA (monofil)

CAMAC CORPORATION●

Nylon 6	Bristol, VA *Camalon* (yarn)

CELANESE FIBER OPERATIONS, A DIVISION OF CELANESE CORPORATION (includes former Fiber Industries plants)

Acetate	Rock Hill, SC (Celriver) & Narrows, VA (Celco) (yarn, staple & tow)
Polyester	Fayetteville, Salisbury & Shelby, NC and Darlington & Greenville, SC *Angelette, Ceylon, Comfort Fiber, ESP, Fortrel, Loftguard, PolarGuard, Serene, Superba* (yarn, staple, tow & fiberfill)
Triacetate	Rock Hill *Arnel* (yarn, staple & tow)
PBI	Rock Hill (staple)

CORTLAND LINE COMPANY

Nylon 6	Cortland, NY (monofil - captive)

COURTAULDS NORTH AMERICA INC.

Nylon 6	Le Moyne, Mobile County, AL *Courtaulds, Shareen* (yarn & monofil)
Rayon	Le Moyne (staple)

U.S.A. (continued)

E.I. DU PONT DE NEMOURS & COMPANY (INC.)●

POLYMER PRODUCTS DEPARTMENT

Nylon 6 66,612, & Polyester	Parkersburg, WV *Dacron, Dymetrol, Tynex, Vylor* (monofil of 50 denier & coarser)

TEXTILE FIBERS DEPARTMENT●

Acrylic	Camden, SC & Waynesboro, VA *Orlon* (staple & tow)
Aramid	Richmond, Va *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Nylon 66	Seaford, DE, Camden, SC, Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA *Antron, Cantrece, Cordura, Du Pont, Hyten* (yarn, monofil, staple & tow)
Polyester	Kinston & Wilmington, NC, Camden & Charleston, SC and Chattanooga & Old Hickory, TN *Dacron, Hollofil* (yarn, staple, tow & fiberfill), *Reemay* (spunbonded), *Sontara* (spunlaced)
Spandex	Waynesboro *Lycra* (fused multifill or coalesced monofil)

EASTMAN KODAK COMPANY

TENNESSEE EASTMAN COMPANY

Acetate	Kingsport, TN (yarn)
Polyester	Kingsport, TN, Columbia, SC *Kodel* (yarn & staple)

FIBER INDUSTRIES, INC.- See Celanese Fiber Operations

FIRESTONE FIBERS & TEXTILES COMPANY, DIVISION OF FIRESTONE TIRE & RUBBER COMPANY

Polyester	Hopewell, VA (yarn)

FOSS MANUFACTURING CO., INC.

Polyester	Haverhill, MA (staple)

GLOBE MANUFACTURING CO.

Spandex	Fall River, MA & Gastonia, NC *Cleerspan, DC-100, DC-700, Glospan* (fused multifill)

THE GOODYEAR TIRE & RUBBER COMPANY, CHEMICAL DIVISION

Polyester	Scottsboro, AL & Point Pleasant, WV (yarn - captive)

GUILFORD MILLS, GAINESVILLE DIVISION

Nylon 6	Gainesville, GA (yarn & monofil - captive)

HANOVER MILLS, INCORPORATED (subsidiary of Falk Fibers & Fabrics, Inc.)

Nylon 6	Yanceyville, NC *Hanover* (yarn & monofil)

JOHNSON FILAMENTS, INC. (subsidiary of JWI Ltd.)

Nylon 6/66	Williston, VT (monofil)
Polyester	Williston, (monofil)

KAYSER-ROTH CORPORATION, YARN PROCESSING DIVISION

Nylon 66	Creedmoor, NC (yarn - captive)

MONOFILAMENTS, INC.

Nylon 6/66	Waynesboro, VA (monofil)
Polycarbonate	Waynesboro (monofil)
Polyester	Waynesboro (monofil)

MONSANTO COMPANY

MONSANTO FIBERS AND INTERMEDIATES CO.

Acrylic	Decatur, AL *Acrilan, Bi-Loft, Fi-Lana, Fondelle, Pa-Qel, Remember, So-Lara* (staple & tow)
Modacrylic	Decatur *SEF* (staple & tow)
Nylon 66	Pensacola, FL & Greenwood, SC *Ultron* (yarn, monofil & staple), *Cerex* (spunbonded)

U.S.A. (continued)

MONSANTO PLASTICS AND POLYMERS COMPANY
Nylon 66 Pensacola *Astro Turf* (recreational & landscaping surfaces)
NORTH AMERICAN RAYON CORPORATION
Rayon Elizabethton, TN (ind & reg yarn & tow)
OMEGA YARNS, INC. (subsidiary of Tietex Corp.)
Polyester Asheboro, NC (yarn)
SHAKESPEARE COMPANY, MONOFILAMENT DIVISION
Nylon 6/66 Columbia, SC S-3, *Sooflex, Superflex, Wonderthread, Whispertouch,* (monofil)
Polyester Columbia *Shakespeare Wonderthread* (monofil)
STAR FIBERS, INC.
Nylon 6 Edgefield, SC *Starbrite* (staple)
TOLARAM FIBERS, INC.
Polyester Ansonville & Asheboro, NC (yarn)
UNIVERSAL POLYMER PRODUCTS CORPORATION (subsidiary of Falk Fibers & Fabrics, Inc.)
Polyester Fuquay-Varina, NC (yarn & monofil)
WELLMAN, INC., MAN-MADE FIBER DIVISION
Nylon 6 & 66 Johnsonville, SC *Wellon, Wellstrand* (staple, tow, tops & monofil)
Polyester Johnsonville, *Fillwell, Wellene, Wellstrand* (staple, tow & monofil)
YKK ZIPPER CO.
Polyester Macon, GA (yarn)

OLEFIN FIBER

ACS INDUSTRIES, INC. Woonsocket, RI (P yarn & staple)
ALADDIN CARPETS, INC. Dalton, GA (P yarn)
ALBANY INTERNATIONAL - MONOFILAMENT PLANT Homer, NY (P monofil)
AMERICAN MANUFACTURING COMPANY
HONESDALE ROPE DIVISION Honesdale, PA (E & P monofil & film)
LAFAYETTE ROPE DIVISION Lafayette, LA *Amco, American, Bondtie, Floterope* (E & P monofil)
AMERICAN POLYCRAFT Dalton, GA (P film)
AMETEK INC., SPECIAL FILAMENTS DIVISION Odenton, MD (E & P monofil)
AMOCO FABRICS COMPANY, Andalusia & Roanoke, AL, Bainbridge, Hazlehurst & Nashville, GA, Lowell, NC & Afton, VA *Marquésa Lana, Patlon, Patlon Plus* (P yarn, monofil, film & staple)
ARLIN MFG.CO., INC. Lowell, MA (P film)
ARMSTRONG WORLD INDUSTRIES, INC. Charlotte, NC (P film - captive)
AVTEX FIBERS INC. Front Royal, VA (P staple)
BEAULIEU OF AMERICA Dalton, GA (P yarn)
BEMIS COMPANY, INC. St. Louis, MO (P film)
BERKLEY & CO. INC. Spirit Lake, IA (E & P monofil - captive)
BLUE MOUNTAIN EXTRUSIONS Anniston, AL *Gold Medal, Poly Autotwine, Poly Macramé, Polylasting, TY-EZ Polytape, Tylon, Tytite* (E & P film)
BRIDON CORDAGE INC. Albert Lea, MN (P film)
BURLINGTON, INC. Greensboro, NC (P yarn)
CAMAC CORPORATION Bristol, VA (P yarn)
CAVALIER CARPET CO. Dalton, GA (P yarn)
CHASE BAG COMPANY Orange, CA & New Orleans, LA (P film)
CIRTEX Dalton, GA (staple)

U.S.A. (continued)

COLOR TREND, INC. Dalton, GA (P yarn)
COLUMBIAN GROUP - DIVISION OF THE COLUMBIAN ROPE COMPANY Jefferson, LA & Auburn, NY *Manipro, Poly K, Poly Twine, Polypro 6, Radiant Twine* (E & P monofil & film)
CONCORDE FIBERS, INC. Jamestown, SC (P yarn)
CROWE ROPE COMPANY Warren, ME *Crowelon,* (P monofil)
CROWN ZELLERBACH CORPORATION, NONWOVEN FABRICS DIVISION Washougal, WA *Celestra, Fibretex,* (P spunbonded)
CUMBERLAND, INC. Dalton, GA (P yarn)
CUTLASS CARPET CO. Dalton, GA (P yarn)
DIAMOND MILLS, INC. Dalton, GA (P yarn & film)
E.I. DU PONT DE NEMOURS & COMPANY (INC.), TEXTILE FIBERS DEPT. Old Hickory, TN & Richmond, VA *Typar,* (P spunbonded); *Tyvek* (E spunbonded)
ELIZABETH WEBBING MILLS CO., INC. Central Falls, RI (P film)
ENSIGN-BICKFORD INDUSTRIES, INC., FILM FIBERS DIVISION Simsbury, CT (P film)
EXXON CHEMICAL AMERICAS, INDUSTRIAL TEXTILES DIVISION Kingman, KS & Summerville, SC (P monofil & film)
FIBERS & FABRICS OF GEORGIA, INC. (subsidiary of Georgia Synthetics, Inc.) Elberton, GA (E & P yarn, monofil & multifil)
FIBRES SOUTH, INC. Trussville, AL *Polystar, Trustite, Tyrite,* (P film, monofil & staple)
FIBRON CORPORATION OF TENNESSEE (subsidiary of Harbour Group Ltd.,)Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)
FILAMENT FIBER TECHNOLOGY INCORPORATED Lakewood, NJ (P yarn)
FNT INDUSTRIES INC. Menominee, MI (E monofil)
FOSS MANUFACTURING CO., INC. Haverhill, MA (P staple)
GENERAL FIBERS & FABRICS, INC. LaGrange, GA (P film)
GEORGIA SYNTHETICS, INC. Elberton, GA (E & P yarn, monofil & film)
GLADDING CORP., CORDAGE DIVISION South Otselic, NY (P monofil)
HERCULES INCORPORATED, HERCULES ENGINEERED & FABRICATED PRODUCTS COMPANY, FIBERS Oxford, GA *Herculon* (P yarn & staple)
THE HOOVEN & ALLISON COMPANY Xenia, OH (P film)
INTEGRATED PRODUCTS, INC. Rome, GA (P staple)
J & J INDUSTRIES Dalton, GA (P yarn)
KELLER INDUSTRIES, INC. Swainsboro, GA (P monofil - captive)
KIMBERLY-CLARK CORPORATION Corinth, MS, Balfour, NC & Neenah, WI *Accord, Duraguard, Evolution* (P spunbonded); *Cyclean* (P spunbonded/meltblown laminate); *Evolution II, Safeguard CPF* (P spunbonded meltblown & P meltblown)
LAMBETH CORPORATION New Bedford, MA *Lambeth* (E & P monofil)
LAWRENCE HOSE COMPANY **(A Consolidated Foods Company)** Burlington, NC (E monofil - captive)
LORETEX, DIVISION OF OIVIND LORENTZEN, INC. Guilderland Center, NY (E film - captive)
MIRAFI, INC. (subsidiary of Dominion Textiles) Moultrie, GA (P film - captive)
NSI, INC. Soperton, GA (P film - captive)
THE OSTERNECK COMPANY Lumberton, NC (P film)

U.S.A. (continued)

PHILLIPS FIBERS CORPORATION (subsidiary of Phillips Petroleum Company) Rocky Mount, NC, Seneca & Spartanburg, SC *Marvess* (P yarn, staple & tow)

POLYLOOM CORPORATION OF AMERICA Dayton, TN *Polyloom* (P film)

SARLON INDUSTRIES, INC. Miami, FL (P monofil & film)

SHUFORD MILLS, INC. Hickory, NC (P film)

SOLUTION FIBERS, INC. Dalton, GA (P yarn)

SOUTHERN WEAVING, INC. Greenville, SC (P yarn)

STEVENS LINEN Dalton, GA (staple)

SUNSHINE CORDAGE CORPORATION Miami, FL *Cala-Line, Oletex, Poncar, Sunshine, Sunylon, Sunypool* (E & P monofil)

SYNTHETIC INDUSTRIES Chickamauga, GA, Houston, TX (P film - captive)

TECHNOTRADE Dalton, GA (P yarn)

TUBBS CORDAGE COMPANY Orange, CA *Loktite* (P monofil & film)

TWINE PRODUCTS CORPORATION New Orleans, LA (P film)

UNITED STATES ROPE COMPANY Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC. Elkin, NC (E & P monofil)

WALTRICH PLASTIC CORPORATION Tennent, NJ (P monofil)

WAYN-TEX, INC. Waynesboro, VA *Beamette, Waynfil* (E & P yarn & monofil & P film)

WELLINGTON PURITAN MILLS (MONTAIR DIV.) Pilot Mountain, NC *Pur-Ty, Welltite* (E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC. Leesville & Summerville, SC (P yarn and monofil)

TEXTILE PRODUCTS FROM OLEFIN

CONWED CORP. *Conwed Plastic Netting* (P embossed film for netting)

E.I. DU PONT DE NEMOURS & COMPANY (INC.) (E & P embossed film for netting)

HERCULES INCORPORATED, POLYMERS DIVISON *Delnet* (E embossed film for netting)

NALLE, INC. (P embossed film for netting)

RIEGEL PRODUCTS CORPORATION *Polyweb* (P meltblown)

THE 3M COMPANY (P spunbonded)

GLASS FIBER

CERTAINTEED CORPORATION
FIBER GLASS REINFORCEMENTS DIVISION Wichita Falls, TX *RO99, Satin Glass, Stichmat, Unifilo* (roving, woven roving, mat, chopped strand & combination product)

F.G.I. FIBERS, INC. Amsterdam NY (roving & chopped)

GAF, BUILDING MATERIALS DIVISION Irwindale, CA (chopped), Nashville, TN (chopped)

LUNDY TECHNICAL CENTER Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving, strand & mat)

MANVILLE CORPORATION Waterville, OH & Etowah, TN *Chop-Pak* (chopped strand, mat & sliver)

NICOFIBERS INC. Shawnee, OH *Conformat, Consurmat, Surmat* (mat)

OMNI FIBER GLASS CORPORATION, DIVISION OF KOPPERS COMPANY, Chino, CA (roving, chopped & milled)

OWENS-CORNING FIBERGLAS CORPORATION Huntingdon, PA, Aiken & Anderson, SC, Jackson, TN & Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass* (yarn, roving, woven roving, mat, chopped & milled)

PPG INDUSTRIES, INC., FIBER GLASS Lexington & Shelby, NC *Azdel,* (yarn, roving, mat, chopped strand, woven roving & rubber reinforcement)

SUPERIOR GLASS FIBERS, INC. Bremen, OH (mat)

URUGUAY

HILADOS SINTETICOS S.A.(HISISA)

Nylon 66	Estacion Manga, Montevideo *Hisilon* (yarn)

POLIMEROS URUGUAYOS S.A.

Polyester	San José, San José (staple)

SINTETICOS SLOWAK S.A.

Nylon 6	Montevideo *Crofil* (yarn & monofil)
Nylon 66	Montevideo *Hisilon* (yarn)
Polyester	Montevideo *Terpol* (yarn)

SUDAMTEX del URUGUAY S.A.

Acetate	Colonia (yarn)

OLEFIN FIBER (continued)

ARYN S.A. Montevideo (E monofil)

CINCA S.A. Montevideo (E film)

ELABORADORA DE ARPILLERA SINTETICA S.A. (E film)

UDINE S.A. (E monofil)

VENEZUELA

C.A. INVERSIONES ARAGUA

Nylon 6	Maracay *Sudalon* (yarn)

GOMELAST, C.A.

Spandex	Caracas *Spandaven* (yarn)

HILADOS FLEXILON

Nylon 6	Caracas (yarn)
Polyester	Caracas (yarn)

MANTEX, C.A.

Acetate	Valencia (yarn)
Polyester	Maracay, Valencia *Fortrel* (yarn & staple)

SUDAMTEX DE VENEZUELA, C.A.

Polyester	Maracay (yarn & staple)

YUGOSLAVIA

HEMTEKS

Polyester	Skopje, Macedonia *Maklen* (yarn & staple)

INCEL FABRIKA CELULOZE I VISKOZE

Polyester	Banja Luka, Bosna i Hercegovina *Belira* (yarn)
Rayon	Banja Luka (staple)

INDUSTRIJA SINTETICKIK VLAKANA (PROGRES)

Nylon 6	Prizren, Kosovo Mitohijan *Supralon* (yarn)
Polyester	Istok, Kosovo Mitohijan & Prizren *Prizrenit* (yarn)

KEMICNA TOVARNA MOSTE

Nylon 6	Ljubljana, Slovenia *Yulon* (yarn)

ORGANSKO HEMIJSKA INDUSTRIJA SKOPJE (OHIS)

Acrylic	Skopje, Macedonia *Makrolan, Malon* (staple)

TEKSTILNA INDUSTRIYA "ZELE VELJKOVIC"

Nylon 6	Leskovac (yarn & staple)

VARAZDINSKI TEKSTILNI KOMBINAT (VARTEKS)

Polyester	Varazdin (staple)

VISKOZA

Rayon	Loznica, Serbia (ind & reg yarn & staple)

OLEFIN FIBER

HEMIJASKA INDUSTRIJA U OSNIVANJU Belgrade (P staple)

GLASS FIBER

GOSTIVAR STAKLARA
Staklara (roving & mat)

WORLD MAN-MADE FIBER PRODUCER AFFILIATIONS & PERCENTAGE OF CAPITAL OWNERSHIP

Licensing and royalty agreements are not taken into account. The ownership of companies other than man-made fiber producers is not listed, e.g., weaving mills, chemical producers, etc.

For each country, the percentage following the first-named producer is the portion owned by the captioned company; the remainder of the entry shows other ownership. For example, Akzo N.V. owns 40% of Fibras Quimicas and Alfa-group owns 60%.

AKZO N.V. (NETHERLANDS)

Brazil	Companhia Bahiana de Fibras 45%; others 55%; Polyenka 51%; others 49%
Colombia	Enka de Colombia 48%; others 52%
Ecuador	Enkador 48%; others 52%
Germany	Enka 97%; public 3%
India	Century Enka 39%; others 61%
Mexico	Fibras Quimicas 40%; Alfa-group 60%
Netherlands	Enka 100%
	Silenka 33.33%; PPG Industries 33.33%; others 33.33%
Spain	La Seda 57%; others 43%
U.S.A.	American Enka 100%

AMERICAN CYANAMID COMPANY (U.S.A.)

U.S.A.	Fibers Division 100%

AMOCO CHEMICALS CORPORATION (U.S.A.)

Australia	Amoco Fabrics Co., Patchogue Plymouth Div. 100%
Canada	Amoco Fabrics Co. 100%
Germany, F.R.	Amoco Fabrics Co., Patchogue Plymouth Div. 100%
U.K.	Amoco Fabrics 100%
U.S.A.	Amoco Fabrics Co., Patchogue Plymouth Div. 100%

BASF AMERICA CORPORATION (U.S.A.)

BASF America owns 100% of Badische Corp. (U.S.A.), which in turn owns 100% of Badische Canada Limited.

ASAHI CHEMICAL INDUSTRY CO. LTD. (JAPAN)

India	Baroda Rayon Corp. 1%; local interests 89%; others 10%
Indonesia	P.T. Indonesia Asahi Chemical 51%; others 19%; local interests 30%
Ireland	Asahi Synthetic Fibres (Ireland) 85%; others 15%
Japan	Asahi Chemical 100%
Korea, Rep.	Tong Yang Polyester 50%; Tong Yang Nylon 50%

BAYER A.G. (WEST GERMANY)

Belgium	N.V. Bayer 100%
Germany, F.R.	Bayer A.G. 100%
	Faserwerke Lingen G.m.b.H. 100%
Iran	Sherkat Sahami Aliaf 50%
Peru	Bayer Industrial S.A. 60%

CELANESE CORPORATION (U.S.A.)

Belgium	Celanese S.A. 100%
Brazil	Celanese do Brasil 100%
	Celanese do Brasil Nordeste 100%
Canada	Celanese Canada Inc. 56%
Mexico	Celanese Mexicana 40%; public 60%
U.S.A.	Celanese Fibers Operations 100%

COURTAULDS, PLC (U.K.)

Canada	Courtaulds (Canada) Inc. 100%
France	Courtaulds S.A. 100%
Italy	Fin Novaceta S.p.A. 50%; SNIA 50%
Spain	INACSA 12%; public 88%
U.K.	Courtaulds Fibres S.A. 84%; other 16%
	Courtaulds Fibres Ltd., 100%
U.S.A.	Courtaulds North America Inc. 100%

E.I. DU PONT DE NEMOURS & COMPANY (U.S.A)

Argentina	Ducilo 83%; Bunge & Born 17%
Brazil	Du Pont do Brasil 100%
Canada	Du Pont Canada 75%; public 25%

E.I. DU PONT DE NEMOURS & COMPANY (U.S.A.) *(Cont'd.)*

Germany, F.R.	Du Pont de Nemours (Deutschland) 100%
Japan	Toyo Products 50%; Toray Industries 50%
Luxembourg	Du Pont Fibres 100%
Mexico	Nylon de Mexico 40%; Alfa-group 51%; public 9%
Netherlands	Du Pont de Nemours (Nederland) 100%
U.K.	Du Pont (U.K.) 100%
U.S.A.	Textile Fibers Department 100%
	Polymer Products Department 100%

FIRESTONE TIRE & RUBBER COMPANY (U.S.A.)

Canada	Firestone Textiles Co. 100%
U.S.A.	Firestone Fibers & Textiles 100%

HARBOUR GROUP LTD. (U.S.A.)

U.K.	Synthetic Industries (Ireland) PLC 100%
U.S.A.	Fibron Corp. of Tennessee 100%
	Synthetic Industries, Inc. 100%
	Synthetic Industries (Texas), Inc. 100%

HERCULES INCORPORATED (U.S.A.)

Italy	HIMONT Fibers 50%; Montedison 50%
U.S.A.	Hercules 100%

HOECHST A.G. (WEST GERMANY)

Austria	Austria Faserwerke: Hoechst Austria 51%; Lenzing 49%
Brazil	Cia. Brasileira de Sintéticos 100%
Germany, F.R.	Hoechst 100%
	Zehlendorf 91%; Others 9%
South Africa	Hoechst South Africa 100%
U.K.	Hoechst Fibre Industries 100%
U.S.A.	American Hoechst 100%

KURARAY CO., LTD. (JAPAN)

Indonesia	Kuma Fiber 40%; others 60%
Japan	Kuraray 100%

IMPERIAL CHEMICAL INDUSTRIES LIMITED (U.K.)

ICI owns 62% of ICI Australia Ltd., which in turn owns Fibremakers Ltd. of Australia.

Australia	Fibremakers Ltd. — 100% ICI Australia
Germany, F.R.	ICI Europa Fibres G.m.b.H. 100%
India	Chemicals & Fibres of India Ltd. 55%
Pakistan	ICI Pakistan Manufacturers 70%
Portugal	Finicisa-Fibras 50%; Francisco Fino Ltd. 50%
South Africa	S.A. Nylon Spinners (through AECI Ltd.) 40%
Spain	Nurel S.A. 50%; local interests 50%
U.K.	ICI Fibres 100%

MITSUBISHI RAYON (JAPAN)

Japan	Mitsubishi Acetate 100%
	Mitsubishi Rayon 100%
Portugal	FISIPE 4%; Mitsubishi Corp. 9%; Quimigal 87%
Taiwan	Tong Hwa 19%; Mitsubishi Corp. 12%; others 69%

MONTEFIBRE S.p.A. (ITALY)

Italy	Società Italiana Poliestere S.p.A. 100%; Società Italiana Prodotti Acrilici S.p.A. 100%; Industrie Tessili Vercelli S.p.A. 100%; Società Industriale Cremonese S.p.A. 50%; others 50%
Spain	Montefibre Hispania S.A. 87%; others 13%
U.K.	Montefibre U.K. Ltd. 100%

OWENS-CORNING FIBERGLAS CORPORATION (U.S.A.)

Belgium	Owens-Corning Fiberglas Europe 100%
Brazil	OCFIBRAS 100%
Canada	Fiberglas Canada 49%; Duplate Canada 49%; local interests 2%
France	Owens-Corning Fiberglas Europe 100%
Japan	Asahi Fiber Glass 28%; Asahi Glass Co. Ltd. 72%
Mexico	Vitro-Fibras 40%; Vitro Group 60%
Norway	Owens-Corning Fiberglas Europe 70%; Elkem-Spigerverket 30%
Sweden	Scandinavian Glasfiber 100%
U.S.A.	Owens-Corning Fiberglas 100%

WORLD MAN-MADE FIBER PRODUCER AFFILIATION & PERCENTAGE OF CAPITAL OWNERSHIP *(Cont'd.)*

PPG INDUSTRIES (U.S.A.)

Netherlands	Silenka 33.33%; Akzo N.V. 33.33%; Nom. 33.33%
U.S.A.	Fiber Glass Division 100%

PILKINGTON BROTHERS (U.K.)

Argentina	VASA 99.7%; Glaverbel/Boussois/local interests 0.3%
India	Fibreglass Pilkington 50%, plus 1 share; Indian interests 50%, less 1 share
South Africa	Fibreglass South Africa 24.5%; Owens-Corning Fiberglas (U.S.A.) 24.5%; Plate Glass & Shatterprufe Industries Ltd. 51%
U.K.	Fibreglass PLC 100%

RHONE-POULENC S.A. (FRANCE)

Argentina	Rhodia Argentina Quimica e Texteis 100%
Brazil	Rhodia S.A. 100%; Rhodia Nordeste 99%
France	Rhone-Poulenc-Textile 99.9%; Rhone-Poulenc Fibres 100%; Cellatex 100%; Rhovyl 100%
Germany, F.R.	Rhodia A.G. 100%
Spain	SAFA 60%
Switzerland	Viscosuisse (through Holva AG) 87%

SAINT-GOBAIN (FRANCE)

France	Saint-Gobain Industries 100%
Germany, F.R.	Gevetex-Textilglas 100%
Italy	Vetrotex Italia 100%
Spain	Cristaleria Espanola S.A. 69%; others 31%
U.S.A.	CertainTeed Corp. 55%; others 45%

SNIA FIBRE (ITALY)

France	Ets. Nysam 100%
Italy	Novaceta 50%, Courtaulds (U.K.) 50%

TEIJIN LTD. (JAPAN)

Indonesia	P.T. Tifico 65.8%; Toyo Menka 16½%; local interests 17.7%
Japan	Teijin 100%
	Teijin Acetate 100%
Korea, Rep.	Sunkyung Fibres 11%; local interests 89%
Taiwan	Hualon-Teijin 6%; local interests 94%
Thailand	Teijin Polyester 45%; local interests 55%

TORAY INDUSTRIES (JAPAN)

Brazil	Polynor is owned 16% by Matoray, which in turn is owned 35% by Toray and 65% by IRF Matarazzo.
Indonesia	P.T. Indonesia Toray Synthetics 59%; others 41%
Japan	Toray Industries 100%; Toray-Monofilament 100%; Toyo Products 50%; Du Pont 50%
Korea, Rep.	Cheil Synthetic Textiles 23.5%; Mitsui 6%; local interests 70.5%; Kolon Industries 19.8%; others 80.2%
Malaysia	Penfibre 90%; Textile Alliance 10%
Philippines	Philippine Polyamide 16.5%; Itoman 12.5%; Toyo Menka 11%; local interests 60%
Taiwan	Shin Kong 6.4%; Mitsubishi Corp. 4.5%; local interests 89.1%
Thailand	Toray Nylon Thai 30%; Mitsui 19%; local interests 51%

TUBBS CORDAGE COMPANY (U.S.A.)

Philippines	Manila Cordage 40%
U.S.A.	Tubbs Cordage 100%

WELLMAN, INC. (U.S.A.)

Ireland	Wellman International Ltd. 45%; Irish Nationals 55%
U.S.A.	Man-Made Fiber Division 100%

CORRECTION

On page 48 of the March 1985 ***Organon***, the following changes should be made to read.

Table 13: 1983 Man-Made Fiber Production, Import Export & Net Available Supply by Country (Except Olefin & Textile Glass).

Japan:	Imp	Exp	Avail
Cellulosic Yarn	1.6	121.2	137.9
Cellulosic Staple	0.6	286.2	305.0
Noncellulosic Yarn	45.8	378.9	983.0
Noncellulosic Staple	38.8	547.7	1080.6
Total Man-Made Fibers	86.8	1334.0	2598.3
Cellulosic Spun	+4.6		
Noncellulosic Spun	+87.2		

On page 75 of the April 1985 ***Organon:***

Graph 4: U.S. Domestic Output of Apparel Vs. Apparel Imports should read: **Billion Pounds**

OLEFIN DATA PRESENTATION

As has been the practice with past June issues, all world olefin data are presented separately from the other noncellulosic fibers. This method of presentation is necessitated by a lack of complete olefin data worldwide.

Two examples illustrate the problem:

A. Though the U.S. olefin production data published regularly in the *Organon* include yarn, monofil, staple, film fiber and spunbonded polypropylene, published Italian and Japanese olefin data show the production of yarn+monofilaments and staple+tow but no data on production of film fiber, such as is used in sacks, fishing nets and carpet backing.

B. The published man-made fiber data of many other countries show little or not olefin fiber production at all (e.g., France, West Germany and the United Kingdom).

Due to the difficulties given above, the noncellulosic data except olefin are presented on pages 107-110.

The olefin data for most countries appear on page 117. These data consist of (a) the "official" country data published by a government, an association or other statistical agency, and (b) an estimate of the olefin fiber, mainly slit and split film fiber, believed to have been produced in the country. No attempt is made to strike a world total because the incomplete data of a number of countries, particularly in Latin America, Eastern Europe and Africa, Asia and Oceania, prohibit such a tabulation.

TABLE 10: NUMBER OF MAN-MADE FIBER PRODUCING PLANTS (EXCEPT OLEFIN)*

COUNTRY & REGION	CELL.		NONCELLULOSIC					TEXTILE GLASS	GRAND TOTAL
	ACETATE[a]	RAYON	ACRYLIC[b]	NYLON	POLYESTER	OTHER	TOTAL		
WEST EUROPE									
AUSTRIA		2			1	1	2		4
BELGIUM, LUX	1	1		3	1		4	2	8
FINLAND		1		1			1	1	3
FRANCE		2	1	3	1	1	6	2	10
GERMANY, F.R.	1	2	3	11	9	4	27	2	32
GREECE		1	1	2	3		6		7
IRELAND (EIRE)			1	1	2		4		4
ITALY/MALTA	2	3	3	13	7	1	24	2	31
NETHERLANDS		1		2	1		3	1	5
NORWAY								1	1
PORTUGAL		2	1	1	1		3	1	6
SPAIN	1	2	2	6	4		12	1	16
SWEDEN		1		1			1	1	3
SWITZERLAND				3	3		6		6
TURKEY		1	2	4	8		14	1	16
UNITED KINGDOM	2	1	3	3	5	4	15	3	21
TOTAL W. EUROPE	**7**	**19**	**17**	**54**	**46**	**11**	**128**	**18**	**173**
EAST EUROPE									
BULGARIA		1	1	1	1		3		4
CZECHOSLOVAKIA		5		3	2		5	2	12
GERMAN D.R.		8	2	3	2	1	8	1	17
HUNGARY		1	1	1			2		3
POLAND		5	1	1	2	2	6	2	13
ROMANIA		3	1	1	2		4		7
YUGOSLAVIA		2	1	2	4		7	1	10
TOTAL E. EUROPE		**25**	**7**	**12**	**13**	**3**	**35**	**6**	**66**
AMERICAS									
ARGENTINA	1	1	1	6	5	1	13	1	16
BOLIVIA			1				1		1
BRAZIL	1	4	2	18	11	1	32	1	38
CANADA	1	1		3	2	1	6	1	9
CHILE		1		2	3		5		6
COLOMBIA	1			3	5		8		9
COSTA RICA					1		1		1
CUBA		1							1
ECUADOR					3		3		3
GUATEMALA				1			1		1
MEXICO	1	1	4	6	5	2	17	1	20
PERU	1		1	4	4		9		10
U.S.A.	3	4	4	22	20	8	54	11	72
URUGUAY	1			3	2		5		6
VENEZUELA	1			2	3	1	6		7
TOTAL AMERICAS	**11**	**13**	**13**	**70**	**64**	**14**	**161**	**15**	**200**
AFRICA, ASIA & OCEANIA									
AUSTRALIA				2	2	1	5	1	6
BANGLADESH		2		1			1		3
EGYPT		2		1	2		3		5
INDIA	1	12	4	12	20		36	2	51
INDONESIA		4		5	10		15		19
IRAN			1	1	1		3		3
IRAQ		1							1
ISRAEL			1	1	1		3		3
JAPAN	2	12	7	10	11	17	45	10	69
KENYA				1	4		5		5
KOREA, REP. OF	1	1	2	4	9	1	16		18
MALAYSIA					1		1		1
NIGERIA					1		1		1
PAKISTAN	1			3	9		12		13
PHILIPPINES				3	3		6		6
SOUTH AFRICA				1	4		5		5
SRI LANKA				1			1		1
TAIWAN		2	2	13	16		31		33
TANZANIA					1		1		1
THAILAND		1		3	4		7		8
TOTAL A.A & O	**5**	**37**	**17**	**62**	**99**	**19**	**197**	**13**	**273**
WORLD TOTAL*	**23**	**94**	**54**	**198**	**222**	**47**	**521**	**52**	**712**

* Data for People's Republic of China, North Korea & U.S.S.R. are not included here.

a. Acetate includes triacetate.

b. Acrylic includes modacrylic.

c. Nylon includes aramid.

d. Includes 1 azlon, 2 bicomponent, 3 fluorocarbon, 1 PBI, 1 PVC, 1 polycarbonate, 1 polychlal, 1 polyesteramide, 1 polyvinyl fluoride, 1 promix, 7 saran, 17 spandex or elastomer, 4 vinal and 6 vinyon plants for a total of 47 plants producing these miscellaneous fibers.

TABLE 11: FILAMENT YARN DOMESTIC SHIPMENTS*

MILLION POUNDS

(A) ACETATE (N) NYLON* (P) POLYESTER (O) OLEFIN

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1984				1985			
		1981	1982	1983	1984	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
HOSIERY[b]	N	107.0	92.3	104.3	101.5	27.8	25.6	24.1	24.0	25.2			
OTHER CIRCULAR KNIT[c]	N	48.2	25.7	24.5	17.6	4.2	5.1	4.5	3.8	3.1			
	P	345.6	228.4	293.7	174.7	55.7	42.0	33.8	43.2	33.0			
	A	3.6	1.6	2.1	2.3	0.4	1.0	0.6	0.3	0.3			
FLAT KNIT	A	98.7	71.7	79.1	67.2	18.1	19.8	15.1	14.2	15.5			
	N	163.2	130.8	162.2	135.2	40.4	33.0	29.4	32.4	36.0			
	P	98.4	87.0	116.6	137.3	32.7	36.0	34.0	34.6	37.1			
CARPET FACE	N	633.6	559.5	734.6	770.2	191.1	197.7	191.3	190.1	163.9			
	O	89.5	90.0	147.2	154.1	33.7	36.2	39.1	45.1	44.8			
CARPET BACKING[d]	O	195.3	184.7	196.8	227.8	48.1	53.0	51.6	75.1	97.3			
OTHER BROAD WOVEN[e]	A	110.7	88.8	113.6	108.8	29.8	30.5	27.2	21.3	19.5			
	N	89.2	82.2	83.6	90.7	20.5	24.7	23.9	21.6	16.9			
	P	440.2	367.0	489.9	392.2	104.8	93.9	92.5	101.0	96.4			
	O	200.7	172.5	201.1	190.3	47.4	50.5	43.8	48.6	54.6			
NARROW WOVEN[f]	A	8.6	2.8	1.7	0.7	0.1	0.3	0.3	-	0.1			
	N	34.0	30.2	35.3	39.9	10.8	10.1	9.2	9.8	7.8			
	P	28.1	28.1	35.5	38.7	8.6	8.8	10.2	11.1	9.6			
	O	12.6	12.1	15.0	14.9	3.7	3.8	3.8	3.6	3.8			
TIRES, INCL. CHAFER	N	204.7	147.9	145.5	172.9	42.4	45.5	38.6	46.4	42.7			
	P	174.8	168.9	174.1	174.4	44.6	44.5	44.8	40.5	44.5			
OTHER RUBBER INDUSTRY[g]	N	25.7	17.3	16.3	20.9	5.1	5.6	5.5	4.7	4.6			
	P	35.1	26.7	27.8	32.7	8.1	9.9	7.8	6.9	7.2			
ROPE, CORDAGE & FISHLINE	N	30.6	29.1	31.7	35.0	8.7	9.9	8.4	8.0	8.6			
	P	15.8	14.4	12.2	15.7	4.5	3.9	3.5	3.8	3.1			
	O	92.1	84.8	95.5	106.9	28.4	27.9	23.1	27.5	28.8			
ALL OTHER[h]	A	4.7	4.0	1.1	1.1	0.3	0.3	0.2	0.3	0.4			
	N	68.1	50.6	54.4	54.2	14.1	13.5	14.0	12.6	13.9			
	P	292.0	214.3	144.6	179.2	32.9	47.1	50.2	48.9	59.2			
	O	38.1	32.9	41.0	31.6	8.0	8.8	8.2	6.6	7.8			
TOTAL ABOVE	**A**	**226.3**	**169.0**	**197.6**	**180.1**	**48.7**	**51.9**	**43.4**	**36.1**	**35.8**			
	N	**1404.3**	**1165.6**	**1392.4**	**1438.1**	**365.1**	**370.7**	**348.9**	**353.4**	**322.7**			
	P	**1430.0**	**1134.8**	**1294.4**	**1144.9**	**291.9**	**286.1**	**276.9**	**290.0**	**290.1**			
	O	**628.3**	**577.0**	**696.6**	**725.6**	**169.3**	**180.2**	**169.6**	**206.5**	**237.1**			
TOTAL DOMESTIC		**3688.9**	**3046.4**	**3582.8**	**3488.7**	**875.0**	**888.9**	**838.8**	**886.0**	**885.7**			
ALSO DIVIDED AS													
APPAREL		1530.0	1128.2	1257.5	1072.1	278.1	308.8	244.0	241.2	251.8			
HOME FURNISHINGS		1129.4	1016.6	1328.7	1354.2	335.3	305.5	339.9	373.5	364.8			
INDUSTRIAL		1029.5	901.6	996.8	1062.4	261.6	274.6	254.9	271.3	269.1			
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)													
NYLON		159.6	122.3	127.1	118.7	31.3	30.4	28.1	28.9	28.4			
POLYESTER		991.3	737.9	832.4	675.5	173.6	162.1	161.7	178.1	181.0			
OLEFIN		33.5	26.8	28.0	23.3	5.9	5.8	6.9	4.7	5.2			

* Includes Aramid in 1981 and 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages includes sliver knit backing. Also includes indirect exports.

i. These poundages are included in the Total Domestic area above.

TABLE 12: STAPLE + TOW DOMESTIC SHIPMENTS

MILLION POUNDS

(R) RAYON (N) NYLON* (A) ACRYLIC + MODACRYLIC (P) POLYESTER (O) OLEFIN

ITEM		ANNUAL DATA								QUARTERLY DATA			
						1984				1985			
		1981	1982	1983	1984	1st Q	2nd Q	3rd	4th Q	1st Q	2nd Q	3rd Q	4th Q
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	255.6	230.5	237.3	204.8	54.4	57.1	48.5	44.8	48.8			
	NPR	8.9	8.8	9.5	6.6	1.4	1.6	1.8	1.8	1.7			
PILE FABRICS[b]	A	44.7	36.4	33.0	30.0	8.3	8.9	7.0	5.8	6.6			
	P	14.9	15.6	18.2	18.4	4.8	5.0	4.6	4.0	3.9			
OTHER CIRCULAR + FLAT KNIT[c]	R	10.9	5.7	3.5	4.3	1.2	0.6	1.2	1.3	0.7			
	A	91.6	112.6	129.5	118.5	32.0	35.0	31.0	20.5	27.3			
	P	300.7	288.8	354.4	283.0	77.6	76.5	67.5	61.4	67.8			
BLANKETS[b]	A	28.1	23.7	27.1	25.2	6.9	5.5	6.7	6.1	6.1			
	P	14.8	12.0	10.5	5.5	1.4	1.4	1.5	1.2	0.9			
OTHER BROAD WOVEN	R	224.7	146.6	182.1	177.7	48.9	42.8	43.2	42.8	39.0			
	N	52.4	56.4	59.0	42.5	12.3	11.0	8.9	10.3	11.4			
	A	33.0	25.7	32.5	29.5	9.4	7.4	5.6	7.1	9.8			
	P	1107.0	889.0	1062.9	1039.1	272.6	270.6	258.3	237.6	214.5			
	O	17.1	16.1	19.4	22.1	5.7	5.3	5.3	5.8	6.4			
CARPET FACE YARNS	R	0.3	0.1	0.2	0.3	0.2	+	0.1	+	0.1			
	N	617.4	594.4	815.2	751.0	194.6	196.1	179.2	181.1	176.5			
	A	Included In All Other											
	P	124.0	114.7	139.0	131.4	31.2	35.6	32.0	32.6	30.7			
	O	67.5	76.8	93.6	96.5	22.4	25.2	23.9	25.0	25.2			
FIBERFILL[f]	P	226.7	228.4	275.4	276.1	69.2	65.9	65.4	75.6	72.6			
FLOCK	NP	13.0	10.2	10.6	9.2	2.3	2.3	2.2	2.4	1.4			
	R	5.6	3.1	3.2	2.7	0.7	0.7	0.7	0.6	0.6			
NONWOVENS[e]	R	124.6	111.9	119.0	126.3	33.8	32.4	32.0	28.1	27.6			
	N	3.5	3.8	4.9	2.8	0.9	0.6	0.7	0.6	0.7			
	P	149.3	155.2	177.4	177.2	44.6	46.7	42.9	43.0	44.0			
	VINYON + 0	42.7	39.0	61.5	119.2	25.2	29.6	32.5	31.9	34.0			
ALL OTHER	R	29.1	24.3	23.8	18.8	5.5	5.6	3.8	3.9	5.5			
	N	10.3	7.7	5.2	9.4	1.1	0.9	3.6	3.8	2.8			
	A	41.1	29.0	32.8	38.7	9.6	10.3	8.9	9.9	7.7			
	P	60.6	57.8	55.8	56.2	11.7	24.5	7.8	12.2	20.5			
	VINYON + O	4.7	7.0	8.9	3.1	0.4	0.9	1.0	0.8	1.6			
TOTAL ABOVE	**R**	**[illegible]96.9**	**293.7**	**333.5**	**331.9**	**90.7**	**82.5**	**81.6**	**77.1**	**73.8**			
	N	**696.4**	**673.3**	**897.1**	**814.4**	**211.1**	**210.6**	**194.5**	**198.2**	**192.8**			
	A	**494.1**	**457.9**	**492.2**	**446.7**	**120.6**	**124.2**	**107.7**	**94.2**	**103.3**			
	P	**2005.4**	**1767.5**	**2099.2**	**1992.2**	**514.2**	**527.7**	**481.3**	**469.0**	**456.3**			
	VINYON + O	**132.0**	**138.9**	**183.4**	**240.9**	**53.7**	**61.0**	**62.7**	**63.5**	**67.2**			
TOTAL DOMESTIC		**3724.8**	**3331.3**	**4005.4**	**3826.1**	**990.3**	**1006.0**	**927.8**	**902.0**	**895.4**			
ALSO DIVIDED AS													
APPAREL		1487.5	1321.7	1461.3	1277.1	341.1	349.9	310.3	275.8	289.2			
HOME FURNISHINGS		1442.9	1266.4	1630.0	1559.0	404.7	406.1	375.1	373.1	365.9			
INDUSTRIAL		794.4	743.2	914.1	992.1	244.5	250.0	242.4	253.1	240.3			

* 1981 and 1982 poundages include Aramid.

a. Olefin poundages are included in All Other.

b. Rayon and nylon poundages are included in All Other.

c. Nylon poundages are included in All Other.

d. Rayon and acrylic poundages are included in All Other.

e. Wet & dry laid and needled batts only.

f. Acrylic poundages are included in All Other.

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber net-export balance of trade rose to 47.6 million pounds in April, up from the 35.6 million pound export balance in March.

Exports of fiber in April totaled 70.6 million pounds, up 6% from the 66.7 million pounds exported in March. Imports of fiber declined to 23.1 million pounds in April, down 26% from the 31.1 million pounds imported in March.

APRIL DETAIL

The net-export trade balance in noncellulosic staple+tow rose 2% in April to 24.9 million pounds, while the net-export balance in noncellulosic yarn+monofilament increased by 85% to 18.9 million pounds.

In April, the noncellulosic staple+tow balance of trade rose, as exports declined nearly 3% and imports dropped by almost 20%.

The balance of trade for noncellulosic yarn increased dramatically, as exports rose 30% and imports fell 25%.

Products to note in April —

- *Polyester textured yarn.* Exports rose by 132%.
- *Polyester staple+tow.* Imports rose by 37%.
- *Nylon other yarn.* Imports rose by 47%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented the manufactures trade data will again appear in the ORGANON.

TABLE 13: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL

MILLION POUNDS

	1984										1985			
COMMODITY	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
CELLULOSIC YARN + MONOFILAMENTS	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I	0.3 E	+
CELLULOSIC STAPLE + TOW	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E	2.2 E	3.7 E
NONCELLULOSIC YARN + MONOFILAMENTS	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E	10.2 E	18.9 E
NONCELLULOSIC STAPLE + TOW	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E	23.4 E	24.9 E
CELLULOSIC WASTE	0.6 E	+	0.1 E	+	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E	+	+	0.2 E	0.1 E
NONCELLULOSIC WASTE	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I	0.7 I	+
TOTAL	49.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.6 E	55.9 E	36.6 E	56.7 E	67.0 E	64.0 E	26.1 E	35.6 E	47.6 E

I means net-import balance.
E means net-export balance.

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TABLE 14: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEMS & COUNTRY	1985						YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	120	131	140	185			576	426
MEXICO	33	40	36	138			247	379
FRANCE	27	0	0	30			57	22
GERMANY, FED. REP. OF	686	424	358	169			1637	1693
NETHERLANDS	77	76	84	145			382	165
JAPAN	96	73	10	66			245	245
REP. OF KOREA	0	0	0	22			22	100
ALL OTHER COUNTRIES[a]	71	60	112	91			334	109
TOTAL CELLULOSIC YARN	**1110**	**804**	**740**	**846**			**3500**	**3139**
CELLULOSIC STAPLE - TOW								
CANADA	788	662	561	548			2559	2996
AUSTRIA	62	88	19	20			189	961
SWEDEN	314	368	271	595			1548	878
UNITED KINGDOM	162	268	180	53			663	408
JAPAN	20	32	59	92			203	459
ALL OTHER COUNTRIES[b]	35	0	223	0			258	43
TOTAL CELLULOSIC STAPLE - TOW	**1381**	**1418**	**1313**	**1308**			**5420**	**5745**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	962	716	939	1085			3702	6717
COSTA RICA	0	0	30	0			30	0
MEXICO	624	588	923	566			2701	6173
AUSTRIA	83	109	89	126			407	113
BELGIUM	205	454	949	519			2127	62
FRANCE	682	441	320	314			1757	683
GERMANY, FED. REP. OF	1676	1879	2645	1170			7370	5435
ITALY	1528	911	925	258			3622	1565
NETHERLANDS	93	1	37	54			185	192
SPAIN	1	0	+	0			1	322
SWITZERLAND	35	26	32	14			107	240
UNITED KINGDOM	591	612	807	575			2585	1190
ISRAEL	78	274	98	182			632	310
JAPAN	584	793	473	875			2725	5703
REP. OF KOREA	3	1	1	4			9	158
TAIWAN	9	1	21	19			50	218
ROMANIA	88	0	0	0			88	197
SOUTH AFRICA	286	209	1618	986			3099	1472
ALL OTHER COUNTRIES	242	290	184	748			1464	275
TOTAL NONCELLULOSIC YARN	**7770**	**7305**	**10091**	**7495**			**32861**	**31025**
NONCELLULOSIC STAPLE - TOW								
BRAZIL	278	415	935	0			1628	416
CANADA	1640	2153	1296	2287			7376	4292
COSTA RICA	86	330	187	260			863	995
MEXICO	1111	433	772	345			2661	7822
BELGIUM	127	85	12	67			291	172
FRANCE	920	1032	923	621			3496	2336
GERMANY, FED. REP. OF	1656	1970	1670	1456			6752	8215
ITALY	527	411	2448	481			3867	4726
NETHERLANDS	74	27	67	29			197	367
SWITZERLAND	18	146	11	71			246	193
UNITED KINGDOM	740	1287	879	847			3753	5190
ISRAEL	0	1	55	77			133	103
JAPAN	1154	1247	1567	1982			5950	4713
REP. OF KOREA	37	170	165	928			1300	222
TAIWAN	1301	1033	2115	865			5314	4138
ROMANIA	83	88	95	36			302	1023
SOUTH AFRICA	49	131	0	25			205	295
ALL OTHER COUNTRIES[d]	43	101	44	190			378	560
TOTAL NONCELLULOSIC STAPLE - TOW	**9844**	**11060**	**13341**	**10567**			**44712**	**45777**

+ means a nominal poundage.

Other Countries supplying 1985 poundages are:

a. Brazil 260, Hong Kong 2, Ireland 34, People's Republic of China 1, Sweden 1, and United Kingdom 36.

b. Fed. Rep. of Germany 34, Finland 69, France 7, Italy 2, Netherlands 1, and Taiwan 145.

c. Australia 30, Brazil 117, Denmark 34, German Dem. Rep. 14, Hong Kong 1, Iran 31, Ireland 64, Morocco 11, Norway 143, People's Republic of China - Singapore 14, Sweden 74, Turkey 17, and Yugoslavia 914.

d. Australia 82, Austria 54, Denmark 92, Iceland 25, Ireland 41, Jordan 13, Philippines - Spain 1, Sweden 24, Turkey 7, and Yugoslavia 39.

TABLE 15: U.S. MAN-MADE IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/79	1985						YEAR TO DATE	
		JAN	FEB	MAR	APR	MAY	JUN	1985	1984
CELLULOSIC FIBERS									
YARN-SINGLES									
TEXTURED	310.0106 & .0206	0	0	38	41			79	117
OTHER	310.0130 & .0230[a]	1105	751	697	726			3279	2960
MONOFILAMENTS	309.0310 & .0610	0	17	1	0			18	2
STRIPS, $1/LB & UNDER	309.2000*	5	36	4	79			124	60
SUBTOTAL ABOVE		**1110**	**804**	**740**	**846**			**3500**	**3139**
STAPLE	309.4320 & .4325	1319	1255	1255	1186			5015	5265
GROUPED FILAMENTS	309.3010 & .3110	62	163	58	122			405	480
SUBTOTAL ABOVE		**1381**	**1418**	**1313**	**1308**			**5420**	**5745**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510[b]	**96**	**73**	**0**	**41**			**210**	**156**
NONCELLULOSIC FIBERS									
YARN-SINGLES									
TEXTURED - NYLON	310.0109 & .0209	2115	1670	2496	1646			7927	6685
- POLYESTER	310.0110 & .0210	654	758	2492	1531			5435	3689
- OTHER	310.0114 & .0214	1157	1238	1081	816			4292	2517
OTHER - NYLON	310.0149 & .0249	2037	1819	1450	2132			7438	9260
- POLYESTER	310.0150 & .0250	1336	1326	2183	838			5683	6108
- OTHER	310.0170 & .0270[c]	179	243	140	182			744	1067
MONOFILAMENTS	309.0200 & .0330[d]	240	133	190	238			801	1326
STRIPS, OVER $1 LB	309.2100 & .2500*	52	118	59	112			341	373
SUBTOTAL ABOVE		**7770**	**7305**	**10091**	**7495**			**32661**	**31025**
STAPLE - NYLON	309.4338	2329	1897	4525	2186			10937	11556
- POLYESTER	309.4342	1623	2018	1854	2551			8046	9644
- ACRYLIC	309.4345	1392	967	1073	1089			4521	4548
- OLEFIN	309.4346	38	169	270	355			832	1048
- OTHER	309.4355	1838	1645	2997	894			7374	5256
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	1742	3045	1957	2013			8757	8171
POLYESTER	309.3040 & .3140	372	335	188	270			1165	2457
ACRYLIC	309.3050 & .3150	440	832	273	916			2461	2517
OTHER	309.3065 & .3165	70	152	104	293			619	580
SUBTOTAL ABOVE		**9844**	**11060**	**13241**	**10567**			**44712**	**45777**
WASTE, NOT ADVANCED									
- NYLON	309.6625	3094	4321	3549	1975			12939	10842
- POLYESTER	309.6630	445	950	1386	435			3216	2840
- ACRYLIC	309.6645	-	0	10	20			30	38
- OTHER	309.6660	12	197	169	37			415	1059
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0	0	62	31			93	130
OTHER WASTE, ADVANCED	309.7525 - .7555	44	368	498	334			1244	883
SUBTOTAL ABOVE		**3595**	**5836**	**5674**	**2832**			**17937**	**15802**
TOTAL MAN-MADE ABOVE		**23796**	**26496**	**31059**	**23089**			**104440**	**101644**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN-PLIED									
TEXTURED- CELLULOSIC	310.1106	0	0	-	1			1	-
NONCELLULOSIC	310.1015* & .1109[f]	1106	665	740	248			2759	4349
OTHER - CELLULOSIC	310.1030 & .1135[g]	48	18	17	6			89	30
- NONCELLULOSIC	310.1050 & .1070[h]	346	503	337	392			1578	575
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	83	143	119	110			455	383
- OTHER	310.4015 & .4027[j]	2643	1623	2810	2749			9825	9488
OTHER YARNS-NES, INCL. CHENILLE	310.6029-.8000	682	296	626	250			1854	397
HANDWORK YARNS & SEWING THREAD	310.9000-.9140	451	462	739	833			2485	1420
SLIVER, TOPS & ROVING	309.9000	205	241	410	131			987	2591
TEXTILE GLASS FIBER	309.2800 & .2900[k]	2454	1496	3565	3438			10953	9586
GRAND TOTAL ABOVE		**31814**	**31943**	**40422**	**31247**			**135426**	**130443**

SOURCE: U.S. Census Bureau Report IM145X.

NES - Not elsewhere specified.

* Theses items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and non-cellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

M

TABLE 16: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER	1985						YEAR TO DATE	
		JAN	FEB	MAR	APR	MAY	JUN	1985	1984
CELLULOSIC FIBERS	AS OF 1/1/78								
FILAMENT YARN[a]									
TEXTURED	310.0006	0	4	30	4			38	25
OTHER[b]	310.0026	811	117	971	765			2664	5145
MONOFILAMENTS	309.0110	0	0	0	60			60	2
STRIPS	309.2210	0	7	0	0			7	56
SUBTOTAL ABOVE		**811**	**128**	**1001**	**829**			**2769**	**5228**
STAPLE+TOW-RAYON	309.4222	2925	2042	3375	4870			13212	22161
STAPLE-ACETATE	309.4219	12	133	140	133			418	741
SUBTOTAL ABOVE		**2937**	**2175**	**3515**	**5003**			**13630**	**22902**
WASTE, ADVANCED & NOT ADVANCED	309.7400	**72**	**119**	**161**	**113**			**465**	**859**
NONCELLULOSIC FIBERS									
NYLON - TEXTURED	310.0008 & .0009	2478	2450	2480	2073			9481	13758
- HIGH TENACITY[c]	310.0027	4921	6044	6255	5527			22747	21467
- OTHER	310.0029	883	1002	954	824			3663	5152
POLYESTER-TEXTURED	310.0010	7465	5968	5803	13481			32717	18999
- HIGH TENACITY[c]	310.0032	865	795	641	946			3247	3050
- OTHER[d]	310.0034	2458	102	422	295			3277	2029
OTHER - TEXTURED	310.0014	264	588	1152	258			2262	2120
- OLEFIN	310.0040	52	5	61	18			136	106
- OTHER	310.0044	557	572	607	711			2447	1978
MONOFILAMENTS, ALL DENIERS									
NYLON	309.0120	231	195	189	136			751	842
POLYESTER[e]	309.0140	667	434	470	472			2043	993
OTHER	309.0170	1060	996	908	1335			4299	3989
STRIPS	309.2220 & .2270	427	339	346	316			1428	1525
SUBTOTAL ABOVE		**22328**	**19490**	**20288**	**26392**			**88498**	**76008**
STAPLE - NYLON	309.4240	1180	471	783	1269			3703	5801
- POLYESTER	309.4242	23227	9880	18988	16125			68220	40273
- ACRYLIC	309.4245	21821	12541	11117	11634			57113	47903
- OLEFIN	309.4246	1039	261	620	442			2362	951
- OTHER	309.4247	755	875	890	775			3295	3059
GROUPED FILAMENTS									
NYLON	309.3220	211	95	51	142			499	1236
POLYESTER[d]	309.3240	3251	1302	2292	2519			9364	13998
ACRYLIC	309.3250 & .3255	3372	2291	1957	2543			10163	10252
SUBTOTAL ABOVE		**54856**	**27716**	**36698**	**35449**			**154719**	**123473**
WASTE, ADVANCED & NOT ADVANCED									
- NYLON	309.7620	303	196	237	297			1033	4374
- POLYESTER	309.7630	4721	2235	3165	1606			11727	15959
- ACRYLIC	309.7640	419	214	716	111			1460	1424
- OTHER	309.7660	1405	342	873	803			3423	4936
SUBTOTAL ABOVE		**5848**	**2987**	**4991**	**2817**			**17643**	**26693**
TOTAL MAN-MADE FIBER ABOVE		**87852**	**52615**	**66654**	**70603**			**277724**	**189872**
TEXTILE GLASS FIBER	309.2700 & .9700	7000	3868	7463	5183			23514	16096
GRAND TOTAL ABOVE		**94852**	**56483**	**74117**	**75786**			**301238**	**205968**

SOURCE: U.S. Census Bureau Report EM546

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

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TABLE 17: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

	1985						YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	1985	1984
MAN-MADE FIBER DATA[c]	**TOTAL SHIPMENTS[b]**							
YARN + MONOFILAMENTS[d]								
ACETATE	**14.3**	**14.1**	**14.5**	**16.0**	**16.3**		**75.2**	**92.6**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1	27.6	28.7		152.5	156.6
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0	2.2	1.9		10.6	14.7
- CARPET	57.1	51.9	59.5	69.2	72.7		310.4	340.8
- TEXTILE	30.5	27.0	27.5	27.8	27.9		140.7	160.0
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3	26.4	25.4		128.0	132.0
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4	2.0	2.0		8.6	10.3
- TEXTILE	69.5	75.6	81.9	89.6	89.3		405.9	367.9
OLEFIN[h]	78.0	79.9	82.8	86.0	89.1		415.8	293.8
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**	**313.5**	**330.8**	**337.0**		**1572.5**	**1476.1**
STAPLE + TOW + FIBERFILL[j]								
RAYON	**29.0**	**25.0**	**27.7**	**30.0**	**30.5**		**142.2**	**170.4**
NYLON[e]	70.5	60.6	65.0	67.9	71.2		335.2	373.1
ACRYLIC + MODACRYLIC	51.5	55.0	57.8	54.9	56.7		275.9	284.0
POLYESTER	162.4	169.5	175.4	177.4	183.8		868.5	938.0
OLEFIN + VINYON	21.4	23.1	23.7	24.5	26.0		118.7	97.6
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.9**	**324.7**	**337.7**		**1598.3**	**1692.7**
YARN + MONOFILAMENTS	**END-OF-MONTH STOCK**							
ACETATE	**13.1**	**13.3**	**14.3**	**14.8**	**14.9**		**14.9**	**11.8**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4	32.0	27.5		27.5	21.3
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1	6.1	5.8		5.8	5.9
- CARPET	68.0	69.5	71.1	58.2	51.9		51.9	60.4
- TEXTILE	43.1	45.0	47.7	47.5	46.6		46.6	37.2
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9	24.3	26.2		26.2	18.5
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8	2.9	3.8		3.8	3.8
- TEXTILE	79.7	81.6	81.2	80.6	71.2		71.2	85.1
OLEFIN[h]	62.0	64.3	65.9	64.7	63.3		63.3	60.1
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**	**328.1**	**316.3**	**296.3**		**296.3**	**292.3**
STAPLE + TOW + FIBERFILL								
RAYON	**30.3**	**31.3**	**32.4**	**31.1**	**29.5**		**29.5**	**27.5**
NYLON[e]	69.7	72.4	74.1	71.1	70.2		70.2	72.8
ACRYLIC + MODACRYLIC	76.6	75.0	76.1	77.2	75.7		75.7	78.1
POLYESTER	191.8	192.6	186.9	187.6	187.7		187.7	178.0
OLEFIN + VINYON	26.1	25.1	24.1	25.5	24.3		24.3	20.7
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**	**361.4**	**357.9**		**357.9**	**349.6**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	9.6	9.3	13.0	10.9			42.8	58.0
CARPET CLASS WOOL	1.2	1.1	1.7	1.1			5.1	3.7
TOTAL RAW WOOL	10.8	10.4	14.7	12.0			47.9	61.7
RAW COTTON	176.2	193.8	283.2	223.4			876.6	965.5

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 43 of the March 1985 issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn + monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.

j. Acetate staple + tow data are available annually only; see page 43 of the March 1985 issue.

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MONTHLY REVIEW

HIGHLIGHTS

TEXTILE ORGANON FEATURES:

World Man-Made Fiber Survey in Millions of Pounds ..... begins on page 151.
World Production of Man-Made Fiber Rises to 55,005 Million Pounds ..... see page 151.

SECOND QUARTER PRODUCTION AND SHIPPING RESULTS:

Production of Polyester Yarn and Monofilaments Rises to 540.8 Million Pounds ..... see page 173.
Domestic Shipments of Acrylic + Modacrylic Increased by 14.7% ..... see page 174.

In July, shipments of noncellulosic staple + tow fell to their lowest level of this year, while shipments of noncellulosic yarn + monofilaments reached their lowest level since February of this year.

- Polyester staple + tow shipments fell to the lowest level since January 1985.
- Polyester textile yarn shipments declined to the lowest level since February.
- Polyester industrial yarn shipments dropped to the lowest level since June.
- Olefin yarn + monofilaments shipments fell to the lowest level since December 1984.
- Olefin staple + vinyon shipments declined to the lowest level this year.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & PERCENT

ITEM	1985			1984r		YEAR TO DATE		
	JULY	JUNE	%[a]	JULY	%[b]	1985	1984r	%[c]
YARN + MONOFILAMENTS								
CELLULOSIC YARN	**16.2**	**16.4**	−1.2	**15.9**	+1.9	**121.8**	**126.5**	−3.6
NYLON[d] - INDUSTRIAL	26.3	24.0	+9.6	27.7	−5.1	202.8	217.0	−6.5
- LOW DENIER INDUSTRIAL	1.6	1.7	−5.9	2.7	−40.7	13.9	20.2	−31.2
- CARPET	69.9	69.9	—	60.2	+16.1	450.2	462.3	−2.6
- TEXTILE	23.7	23.5	+0.8	25.3	−6.3	187.9	212.2	−11.5
POLYESTER - INDUSTRIAL	21.4	21.6	−0.9	26.0	−17.7	171.0	184.7	−7.4
- LOW DENIER INDUSTRIAL	1.7	2.0	−15.0	2.0	−15.0	12.3	14.5	−15.2
- TEXTILE	80.4	83.9	−4.2	61.4	+30.9	570.2	494.7	+15.3
OLEFIN	75.6	90.4	−16.4	57.9	+30.6	581.8	415.5	+40.0
TOTAL NONCELLULOSIC ABOVE	**300.6**	**317.0**	−5.2	**263.2**	+14.2	**2190.1**	**2021.1**	+8.4
STAPLE + TOW + FIBERFILL								
RAYON	**30.4**	**29.6**	+2.7	**29.8**	+2.0	**202.2**	**234.0**	−13.6
NYLON[d]	68.2	66.7	+2.2	59.4	+14.8	470.1	489.8	−4.0
ACRYLIC + MODACRYLIC	52.5	50.5	+3.9	52.9	−0.8	378.9	397.5	−4.7
POLYESTER	149.4	162.2	−7.9	157.5	−5.1	1180.1	1266.8	−6.8
OLEFIN + VINYON	20.2	23.4	−13.7	19.4	+4.1	162.3	138.5	+17.2
TOTAL NONCELLULOSIC ABOVE	**290.3**	**302.8**	−4.1	**289.2**	+0.4	**2191.4**	**2292.6**	−4.4

— Means no change.
a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
e. Acetate yarn only.
Also see footnotes on last page of this issue.

Textile Organon

A MONTHLY REVIEW

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DATAGRAM

PRODUCTION AND CAPACITY ON THE RISE IN OTHER A.A. & O.

During 1978-1984, the world production of noncellulosic fibers increased almost by 19%, from the 22,121 million pounds produced in 1978 to 26,220 million pounds in 1984.

The world capacity utilization rate for noncellulosic yarn and staple + tow was at about 83% in 1984, compared to 1979, when capacity utilization peaked at 84%.

Since 1978, Other A.A. & O. (Africa, Asia and Oceania) has gained an increased share of the world totals for production and producing capacity of noncellulosic fibers.

In terms of production, the A.A. & O. share of the world total grew from 13.8% in 1978 to 25.2% in 1984. The A.A. & O. share of the world capacity total increased from 10.9% in 1978 to 23.3% in 1984.

The most significant production increases, from 1978-1984, are noted in the following countries:

- People's Republic of China - expanded by 413%.
- India - grew by 161%.
- Indonesia - increased by 123%.
- Taiwan - rose by 87%.
- South Korea - expanded over 72%.

WESTERN EUROPE AND THE UNITED STATES ARE LOSING WORLD SHARE OF PRODUCTION AND CAPACITY

However, from 1978-1984, West Europe and the United States lost percent-share of the world totals.

West European production declined from 23.4% share in 1978 to 20.4% in 1984, and capacity dropped from a share of 28.0% in 1978 to 20.3% in 1984.

Production in the United States declined from a world share of 32.1% in 1978 to 24.7% in 1984, while capacity fell from a 30.7% share in 1978 to 25.3% in 1984.

The world cellulosic fiber production has decreased by 8% from 1978 to 1984. During the same time production capacity declined by 7%.

From 1978-1984, West Europe and the United States lost percent-share of the world totals. In 1978, the capacity installed in Western Europe amounted to 25.5% of total world capacity, compared to 19.2% in 1984, and production fell from 24.4% in 1978 to 20.2% in 1984.

The U.S. share of total cellulosic world capacity decreased from 12.6% in 1978 to 10.6% in 1984, whereas production declined from a world share of 12.4% in 1978 to 9.3% in 1984.

WORLD MAN-MADE FIBER SURVEY

Featured in this issue (pages 151-166) is our annual survey of the world man-made fiber industry. The data presented here in ***million pounds*** represents a conversion of the tables in thousand metric tons found in the June ***Organon*** (Tables 1-10).

Historical world data for most of the tables contained here can be found in the January 1962 ***Textile Organon Base Book*** and in the June 1966 and 1970 and July 1979-1984 issues of the ***Organon***.

Once again we would like to acknowledge the more than 170 foreign man-made fiber associations, producing companies and individuals, as well as the U.S. Foreign Service posts reporting through the Office of Textiles and Apparel, Domestic and International Business Administrations and the U.S. Department of Commerce without whose help and cooperation this annual world man-made fiber survey would not have been possible.

TABLE 2:
WORLD PRODUCTION OF CERTAIN TEXTILE FIBERS

MILLION POUNDS & PERCENT

TYPE OF FIBER	1978	1979	1980	1981	1982	1983	1984
CELLULOSIC FIBERS (from page 161)							
YARN + MONOFILAMENTS	2572	2594	2560	2435	2260	4363	2288
STAPLE + TOW	4736	4839	4588	4629	4225	2299	4497
TOTAL CELLULOSIC	**7308**	**7433**	**7148**	**7064**	**6485**	**6662**	**6785**
NONCELLULOSIC FIBERS except Olefin (from page 152)							
YARN + MONOFILAMENTS	10148	10779	10434	10601	9890	10703	11356
STAPLE + TOW	11973	12595	12662	13267	12465	13711	14864
TOTAL NONCELL. ABOVE	**22121**	**23374**	**23096**	**23868**	**22355**	**24414**	**26220**
TOTAL MAN-MADE ABOVE	**29429**	**30807**	**30244**	**30932**	**28840**	**31076**	**33005**
% of World Total	*48*	*47*	*47*	*45*	*44*	*47*	*45*
NATURAL FIBERS							
RAW COTTON	28433	31041	30845	33721	32274	31343	36330
RAW WOOL	3391	3474	3543	3585	3591	3618	3688
RAW SILK	112	121	123	126	121	121	121
TOTAL NATURAL ABOVE	**31936**	**34636**	**34511**	**37432**	**35986**	**35082**	**40139**
% of World Total	*52*	*53*	*53*	*55*	*56*	*53*	*55*
WORLD TOTAL ABOVE	**61365**	**65443**	**64755**	**68364**	**64826**	**66158**	**73144**
World Total %	*100*	*100*	*100*	*100*	*100*	*100*	*100*

The silk and man-made fiber data are on a calendar-year basis, while the figures for cotton and wool are on a seasonal basis.

MAN-MADE FIBERS: Data are from pages 153-160, as noted. Glass fiber and olefin production are not included.

COTTON: International Cotton Advisory Committee. Also see December 1984 *Organon*.

WOOL: Commonwealth Secretariat & The Wool Bureau, Inc. The data are on a scoured basis. Also see the December 1984 *Organon* issue.

SILK: International Silk Association; Food and Agriculture Organization of the United Nations.

TABLE 3:
WORLD NONCELLULOSIC FIBER
PRODUCTION & PRODUCING CAPACITY BY COUNTRY (EXCEPT OLEFIN)

MILLION POUNDS

FIBER & AREA	ACTUAL PRODUCTION																					PRODUCING CAPACITY					
	1978			1979			1980			1981			1982			1983			1984			1985			1986		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
ACRYLIC + MODACRYLIC																											
WEST EUROPE	*	1751	1751	*	1753	1753	*	1625	1625	*	1779	1779	0	1660	1660	0	1876	1876	2	1920	1922	2	2271	2273	2	2216	2218
EAST EUROPE	0	441	441	0	470	470	0	478	478	0	465	465	0	461	461	0	485	485	0	498	498	0	675	675	0	675	675
U.S.A.	0	725	725	0	761	761	0	783	783	0	690	690	0	624	624	0	670	670	0	671	671	0	750	750	0	675	675
OTHER AMERICAS	0	216	216	0	238	238	0	251	251	0	234	234	0	267	267	0	287	287	0	311	311	0	403	403	0	406	406
JAPAN	7	816	823	9	783	792	7	771	778	2	765	767	7	758	765	4	783	787	5	809	814	13	877	890	13	876	889
OTHER A., A. & O.	0	500	500	0	549	549	0	626	626	0	672	672	0	767	767	0	805	805	0	930	930	0	1135	1135	0	1234	1234
TOTAL	**7**	**4449**	**4456**	**9**	**4554**	**4563**	**7**	**4534**	**4541**	**2**	**4605**	**4607**	**7**	**4537**	**4544**	**4**	**4906**	**4910**	**7**	**5139**	**5146**	**15**	**6111**	**6126**	**15**	**6082**	**6097**
NYLON + ARAMID[a]																											
WEST EUROPE	1248	331	1579	1259	326	1585	1149	282	1431	1149	284	1433	1045	236	1281	1076	262	1338	1087	298	1385	1388	408	1796	1382	419	1801
EAST EUROPE	893	68	961	913	68	981	1016	121	1137	1001	174	1175	1014	183	1197	1072	183	1255	1078	178	1256	1548	218	1766	1592	218	1810
U.S.A.	1653	897	2550	1781	939	2720	1631	728	2359	1581	752	2333	1241	686	1927	1493	926	2419	1576	836	2412	1856	1072	2928	1878	1133	3011
OTHER AMERICAS	412	49	461	452	51	503	459	51	510	399	44	443	388	46	434	403	49	452	447	49	496	675	88	763	676	88	764
JAPAN	646	35	681	653	38	691	661	40	701	622	42	664	584	42	626	597	40	637	635	42	677	705	53	758	705	54	759
OTHER A., A. & O.	681	7	688	732	7	739	805	4	809	866	7	873	849	7	856	893	9	902	999	11	1010	1526	115	1641	1605	112	1717
TOTAL	**5533**	**1387**	**6920**	**5790**	**1429**	**7219**	**5721**	**1226**	**6947**	**5618**	**1303**	**6921**	**5121**	**1200**	**6321**	**5534**	**1469**	**7003**	**5822**	**1414**	**7236**	**7698**	**1954**	**9652**	**7838**	**2024**	**9862**
POLYESTER																											
WEST EUROPE	866	946	1812	897	981	1878	792	897	1689	833	990	1823	858	966	1824	847	1012	1859	922	1078	2000	1131	1321	2452	1276	1324	2600
EAST EUROPE	247	670	917	260	679	939	298	708	1006	291	736	1027	324	754	1078	366	807	1173	401	871	1272	631	1362	1993	758	1387	2145
U.S.A.	1565	2236	3801	1717	2463	4180	1462	2526	3988	1570	2606	4176	1213	1955	3168	1360	2185	3545	1199	2191	3390	1455	2789	4244	1499	2789	4288
OTHER AMERICAS	432	295	727	472	362	834	492	366	858	463	359	822	419	353	772	445	392	837	454	469	923	672	592	1264	695	608	1303
JAPAN	701	703	1404	692	701	1393	672	708	1380	683	708	1391	692	692	1384	683	706	1389	722	705	1427	924	785	1709	924	785	1709
OTHER A., A. & O.	708	1102	1810	851	1226	2077	902	1481	2383	1056	1753	2809	1175	1801	2976	1430	2057	3487	1761	2783	4544	2138	3810	5948	2469	4140	6609
TOTAL	**4519**	**5952**	**10471**	**4889**	**6412**	**11301**	**4618**	**6686**	**11304**	**4896**	**7152**	**12048**	**4681**	**6521**	**11202**	**5131**	**7159**	**12290**	**5459**	**8097**	**13556**	**6951**	**10659**	**17610**	**7621**	**11033**	**18654**
OTHER FIBERS[b] **EXCEPT OLEFIN**																											
WEST EUROPE	7	20	27	11	24	35	13	24	37	13	15	28	13	20	33	13	20	33	13	20	33	18	26	44	18	25	43
EAST EUROPE	20	15	35	11	15	26	*	9	9	2	7	9	2	7	9	*	7	7	*	9	9	2	19	21	2	19	21
U.S.A.	16	2	18	18	2	20	20	*	20	22	2	24	18	2	20	*	*	*	*	*	*	31	0	31	31	0	31
OTHER AMERICAS	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2	2	0	2
JAPAN	33	93	126	38	93	131	40	95	135	31	73	104	31	68	99	31	62	93	38	64	102	62	227	289	62	227	289
OTHER A., A. & O.	11	55	66	11	66	77	13	88	101	15	110	125	15	110	125	15	124	139	15	121	136	35	143	178	35	143	178
TOTAL	**89**	**185**	**274**	**91**	**200**	**291**	**88**	**216**	**304**	**85**	**207**	**292**	**81**	**207**	**288**	**61**	**213**	**274**	**68**	**214**	**282**	**150**	**415**	**565**	**150**	**414**	**564**
TOTAL FIBERS ABOVE																											
WEST EUROPE	2121	3048	5169	2167	3084	5251	1954	2828	4782	1995	3068	5063	1916	2882	4798	1936	3170	5106	2024	3316	5340	2539	4026	6565	2678	3984	6662
EAST EUROPE	1160	1194	2354	1184	1232	2416	1314	1316	2630	1294	1382	2676	1340	1405	2745	1438	1482	2920	1479	1556	3035	2181	2274	4455	2352	2299	4651
U.S.A.	3234	3860	7094	3516	4165	7681	3113	4037	7150	3173	4050	7223	2472	3267	5739	2853	3781	6634	2775	3698	6473	3342	4611	7953	3408	4597	8005
OTHER AMERICAS	846	560	1406	926	651	1577	953	668	1621	864	637	1501	809	666	1475	850	728	1578	903	829	1732	1349	1083	2432	1373	1102	2475
JAPAN	1387	1647	3034	1392	1615	3007	1380	1614	2994	1338	1588	2926	1314	1560	2874	1315	1591	2906	1400	1620	3020	1704	1942	3646	1704	1942	3646
OTHER A., A. & O.	1400	1664	3064	1594	1848	3442	1720	2199	3919	1937	2542	4479	2039	2685	4724	2338	2995	5333	2775	3845	6620	3699	5203	8902	4109	5629	9738
WORLD TOTAL	**10148**	**11973**	**22121**	**10779**	**12595**	**23374**	**10434**	**12662**	**23096**	**10601**	**13267**	**23868**	**9890**	**12465**	**22355**	**10730**	**13747**	**24477**	**11356**	**14864**	**26220**	**14814**	**19139**	**33953**	**15624**	**19553**	**35177**

Y means yarn + monofilaments. **S** means staple + tow + fiberfill. The regional totals here are the same as those on pages 153-156.

a. U.S.A. nylon producing capacity data do not include aramid.

b. Other fibers are alginate, azlon, spandex or elastomer, saran, TFE-fluorocarbon, vinal and vinyon. U.S.A. production data do not include spandex in 1983 + 1984.

TABLE 4A:
WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY EXCEPT OLEFIN

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE												
AUSTRIA	0	67.0	67.0	0	64.6	64.6	0	56.0	56.0	0	41.1	41.1
BENELUX[a]	208.6	105.9	314.5	209.9	89.0	298.9	159.7	71.4	231.1	177.3	55.7	233.0
EIRE (IRELAND)	18.3	57.4	75.7	23.8	70.5	94.3	22.0	69.9	91.9	33.1	69.0	102.1
FINLAND	1.1	0	1.1	0.9	0	0.9	0.9	0	0.9	1.1	0	1.1
FRANCE	202.0	341.2	543.2	173.5	320.3	493.8	145.0	279.3	424.3	146.5	297.2	443.7
WEST GERMANY	718.5	889.5	1608.0	745.3	929.3	1674.6	702.5	888.1	1590.6	707.0	951.2	1658.2
GREECE	18.6	17.4	36.0	20.3	20.9	41.2	19.8	22.0	41.8	19.8	19.6	39.4
ITALY MALTA	259.7	521.6	781.3	279.1	515.1	794.2	277.6	506.8	784.4	328.6	631.2	959.8
PORTUGAL	3.5	57.9	61.4	3.7	64.5	68.2	3.1	70.7	73.8	2.4	74.8	77.2
SPAIN	133.8	284.8	418.6	158.2	311.7	469.9	145.3	301.3	446.6	159.5	372.4	531.9
SWITZERLAND	109.6	73.8	183.4	108.4	66.1	174.5	133.8	52.2	186.0	125.9	61.4	187.3
TURKEY	48.5	133.6	182.1	66.1	169.8	235.9	63.9	154.3	218.2	71.4	168.1	239.5
UNITED KINGDOM	398.6	496.7	895.3	377.9	462.3	840.2	279.8	356.5	636.3	222.5	327.1	549.6
TOTAL WESTERN EUROPE	**2120.8**	**3046.8**	**5167.6**	**2167.1**	**3084.1**	**5251.2**	**1953.4**	**2828.5**	**4781.9**	**1995.1**	**3068.8**	**5063.9**
EASTERN EUROPE												
ALBANIA	0	0	0	0	0	0	0	0	0	0	0	0
BULGARIA	28.5	72.6	101.2	28.6	77.1	105.7	36.1	81.4	117.5	38.6	86.0	124.6
CZECHOSLOVAKIA	108.0	55.1	163.1	110.2	48.5	158.7	117.2	49.4	166.6	115.7	82.7	198.4
GERMANY, D.R.	117.9	163.1	281.0	120.4	171.7	292.1	123.5	179.6	303.1	123.5	172.9	296.4
HUNGARY	7.3	33.9	41.2	7.0	32.6	39.6	12.8	32.4	45.2	15.4	31.6	47.0
POLAND	187.9	147.3	335.2	192.7	145.3	338.0	205.0	150.0	355.0	173.5	88.7	262.2
ROMANIA	66.1	220.4	286.5	77.0	231.5	308.5	70.8	227.1	297.9	87.1	253.4	340.5
U.S.S.R.	606.3	440.7	1047.0	601.7	448.5	1050.2	700.0	508.1	1208.1	687.4	576.4	1263.8
YUGOSLAVIA	37.5	61.7	99.2	46.2	77.1	123.3	48.5	88.2	136.7	52.9	90.5	143.4
TOTAL EASTERN EUROPE	**1159.6**	**1194.8**	**2354.4**	**1183.8**	**1232.3**	**2416.1**	**1313.9**	**1316.2**	**2630.1**	**1294.1**	**1382.2**	**2676.3**
TOTAL EUROPE	**3280.4**	**4241.6**	**7522.0**	**3350.9**	**4316.4**	**7667.3**	**3267.3**	**4144.7**	**7412.0**	**3289.2**	**4451.0**	**7740.2**

Y means yarn + monofilaments.
S means staple + tow + fiberfill.
a. Includes Belgium, Netherlands and Luxembourg.

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
0	39.7	39.7	0	39.7	39.7	0	39.9	39.9	0	46.3	46.3	0	46.3	46.3
155.6	42.3	197.9	136.5	47.0	183.5	137.8	50.7	188.5	211.9	119.0	330.9	206.1	130.1	336.2
27.1	61.7	88.8	24.3	70.5	94.8	25.4	82.7	108.1	26.5	98.1	124.6	26.5	98.1	124.6
1.1	0	1.1	1.1	0	1.1	1.1	0	1.1	1.3	0	1.3	1.3	0	1.3
142.9	276.1	419.0	139.3	297.8	437.1	132.7	294.5	427.2	189.6	293.2	482.8	189.6	293.2	482.8
714.4	832.1	1546.5	732.1	938.1	1670.2	770.9	928.8	1699.7	862.2	983.3	1845.5	888.7	983.3	1872.0
18.7	20.5	39.2	19.8	22.0	41.8	19.8	22.0	41.8	39.0	26.5	65.5	39.0	26.5	65.5
327.9	616.3	944.2	314.2	689.2	1003.4	327.4	816.6	1144.0	418.2	945.8	1364.0	418.2	912.7	1330.9
2.0	83.8	85.8	6.6	86.0	92.6	6.6	88.2	94.8	7.7	108.0	115.7	7.7	108.0	115.7
162.2	346.7	508.9	142.4	364.2	506.6	153.0	351.2	504.2	220.7	489.4	710.1	220.7	489.4	710.1
117.8	59.5	177.3	127.9	61.7	189.6	153.7	62.4	216.1	162.0	68.3	230.3	168.7	68.3	237.0
99.4	198.8	298.2	105.8	223.8	329.6	115.7	239.6	355.3	156.5	352.7	509.2	266.8	396.8	663.6
146.7	303.8	450.5	176.4	325.6	502.0	179.7	339.5	519.2	244.7	496.0	740.7	244.7	429.9	674.6
1915.8	**2881.3**	**4797.1**	**1926.4**	**3165.6**	**5092.0**	**2023.8**	**3316.1**	**5339.9**	**2540.3**	**4026.6**	**6566.9**	**2678.0**	**3982.6**	**6660.6**
0	0	0	0	0	0	0	0	0	0	22.0	22.0	4.4	22.0	26.4
38.7	77.2	115.9	39.7	92.6	132.3	39.7	96.6	136.3	79.4	147.7	227.1	110.2	169.8	280.0
143.3	81.6	224.9	147.7	83.8	231.5	147.7	83.8	231.5	169.8	165.3	335.1	169.8	165.3	335.1
121.3	173.9	295.2	136.7	180.8	317.5	134.5	183.0	317.5	187.4	209.4	396.8	187.4	209.4	396.8
16.9	28.0	44.9	16.8	29.1	45.9	17.6	36.6	54.2	19.8	94.8	114.6	19.8	94.8	114.6
166.3	117.0	283.3	188.3	137.3	325.6	192.7	147.7	340.4	269.0	189.6	458.6	269.0	189.6	458.6
86.1	246.8	332.9	90.4	251.3	341.7	105.8	261.2	367.0	154.3	317.5	471.8	154.3	317.5	471.8
719.2	590.6	1309.8	760.6	610.7	1371.3	787.0	632.7	1419.7	1192.7	934.8	2127.5	1302.9	934.8	2237.7
48.6	89.3	137.9	55.1	97.0	152.1	54.0	114.6	168.6	108.0	192.9	300.9	134.5	192.9	327.4
1340.4	**1404.4**	**2744.8**	**1435.3**	**1482.6**	**2917.9**	**1479.0**	**1556.2**	**3035.2**	**2180.4**	**2274.0**	**4454.4**	**2352.3**	**2296.1**	**4648.4**
3256.2	**4285.7**	**7541.9**	**3361.7**	**4648.2**	**8009.9**	**3502.8**	**4872.3**	**8375.1**	**4720.7**	**6300.6**	**11021.3**	**5030.3**	**6278.7**	**11309.0**

TABLE 4B:
WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY EXCEPT OLEFIN
(continued)

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	3234.2	3860.3	7094.5	3516.3	4164.5	7680.8	3113.0	4036.6	7149.6	3172.5	4049.8	7222.3
OTHER AMERICAS												
ARGENTINA	49.0	37.6	86.6	65.2	49.7	114.9	47.1	28.5	75.6	35.1	18.3	53.4
BOLIVIA	0	0	0	0	0	0	0	0	0	0	0	0
BRAZIL	233.1	164.3	397.4	270.0	201.4	471.4	300.8	209.5	510.3	253.3	191.4	444.7
CANADA	159.3	112.4	271.7	161.1	106.8	267.9	163.2	105.9	269.1	145.1	88.2	233.3
CHILE	9.8	3.4	13.2	11.0	5.2	16.2	11.1	5.6	16.7	11.0	5.5	16.5
COLOMBIA	73.2	17.4	90.6	63.2	17.5	80.7	62.3	24.0	86.3	72.1	24.7	96.8
COSTA RICA	4.4	0	4.4	4.4	0	4.4	6.7	0	6.7	6.8	0	6.8
ECUADOR	5.6	0	5.6	7.5	0	7.5	7.8	0	7.8	7.5	0	7.5
GUATEMALA	0	0	0	+	0	+	0	0	0	0	0	0
MEXICO	272.0	167.4	439.4	300.0	205.0	505.0	302.2	225.8	528.0	293.0	244.7	537.7
PERU	12.4	45.3	57.7	15.3	46.2	61.5	23.2	49.7	72.9	22.1	46.5	68.6
URUGUAY	2.4	+	2.4	2.4	5.3	7.7	2.4	5.7	8.1	1.9	4.6	6.5
VENEZUELA	25.4	12.2	37.6	25.8	13.3	39.1	25.5	13.2	38.7	16.3	13.2	29.5
TOTAL OTHER AMERICAS	**846.6**	**560.0**	**1406.6**	**925.9**	**650.4**	**1576.3**	**952.3**	**667.9**	**1620.2**	**864.2**	**637.1**	**1501.3**
JAPAN	**1386.6**	**1646.8**	**3033.4**	**1391.2**	**1613.9**	**3005.1**	**1380.1**	**1613.8**	**2993.9**	**1338.2**	**1587.4**	**2925.6**
OTHER AFRICA, ASIA & OCEANIA												
AUSTRALIA N.Z	39.9	2.4	42.3	36.2	1.1	37.3	26.4	+	26.4	22.0	0	22.0
BANGLADESH	1.1	0	1.1	0.4	0	0.4	0.7	0	0.7	0.4	0	0.4
CHINA, PRC	65.1	235.0	301.1	79.4	282.3	361.7	94.8	452.0	546.8	121.4	643.6	765.0
EGYPT	1.8	0.9	2.7	3.3	0.9	4.2	4.0	11.2	15.2	4.4	11.0	15.4
INDIA	72.3	56.6	128.9	78.7	61.3	140.0	87.6	67.9	155.5	112.4	87.7	200.1
INDONESIA	46.9	100.1	147.0	50.0	110.9	160.9	91.6	118.9	210.5	102.5	121.4	223.9
IRAN	19.9	+	19.9	11.0	0	11.0	13.3	0	13.3	22.0	22.0	44.0
ISRAEL	19.7	13.6	33.3	21.7	14.1	35.8	23.2	14.6	37.8	23.1	15.0	38.1
KENYA	0	0	0	+	0	+	2.3	0	2.3	2.2	0	2.2
KOREA, REP OF	458.7	494.8	953.5	522.8	529.3	1052.1	562.7	619.9	1182.6	627.1	719.5	1346.6
MALAYSIA	0	72.6	72.6	0	77.1	77.1	0	79.5	79.5	0	77.2	77.2
NIGERIA	+	6.6	6.6	6.6	8.8	15.4	5.6	5.6	11.2	5.9	8.8	14.7
PAKISTAN	4.3	0	4.3	4.4	0	4.4	3.4	0	3.4	3.3	0	3.3
PHILIPPINES	35.3	18.8	54.1	55.0	25.6	80.6	66.2	30.9	97.1	70.5	30.9	101.4
SOUTH AFRICA	64.8	36.4	101.2	71.0	43.0	114.0	73.9	44.2	118.1	71.9	44.1	116.0
SRI LANKA	0	0	0	0	0	0	0	0	0	1.8	0	1.8
TAIWAN	492.7	530.6	1023.3	566.0	583.1	1149.1	583.4	646.4	1229.8	657.6	636.7	1294.3
TANZANIA	0	0	0	0	0	0	0	0	0	0	0	0
THAILAND	76.5	96.1	172.6	87.5	110.0	197.5	80.6	109.1	189.7	89.3	124.1	213.4
TOTAL OTHER A., A. & O.	**1400.0**	**1664.5**	**3064.5**	**1594.0**	**1847.5**	**3441.5**	**1719.7**	**2200.2**	**3919.9**	**1937.8**	**2542.0**	**4479.8**
TOTAL WORLD	**10147.8**	**11973.2**	**22121.0**	**10778.3**	**12592.7**	**23371.0**	**10432.2**	**12663.2**	**23095.4**	**10601.9**	**13267.3**	**23869.2**

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
2472.0	**3267.2**	**5739.2**	**2851.7**	**3780.9**	**6632.6**	**2777.4**	**3697.3**	**6474.7**	**3340.9**	**4609.8**	**7950.7**	**3407.9**	**4596.8**	**8004.7**
40.0	26.2	66.2	53.4	35.3	88.7	55.1	43.2	98.3	101.9	70.5	172.4	101.9	70.5	172.4
2.2	0	2.2	4.4	0	4.4	0	0	0	11.0	0	11.0	11.0	0	11.0
255.9	181.0	436.9	233.0	175.5	408.5	260.6	215.2	475.8	363.1	268.7	631.8	363.1	271.4	634.5
114.8	99.1	213.9	130.7	116.8	247.5	137.3	130.1	267.4	191.6	163.1	354.7	191.6	163.1	354.7
10.1	1.8	11.9	10.4	2.2	12.6	11.9	2.4	14.3	23.6	13.2	36.8	23.6	13.2	36.8
57.4	26.5	83.9	61.7	26.5	88.2	66.1	26.5	92.6	126.5	33.1	159.6	126.5	33.1	159.6
7.7	0	7.7	7.7	0	7.7	7.7	0	7.7	17.6	0	17.6	17.6	0	17.6
8.8	0	8.8	8.8	0	8.8	8.8	0	8.8	15.4	0	15.4	15.4	16.1	31.5
0	0	0	0	0	0	0	0	0	4.4	0	4.4	4.4	0	4.4
269.2	253.4	522.6	291.4	288.8	580.2	302.5	326.3	628.8	423.7	423.7	847.4	447.3	423.7	871.0
22.9	64.8	87.7	25.4	64.8	90.2	26.5	64.8	91.3	35.3	84.9	120.2	35.3	84.9	120.2
2.0	5.1	7.1	2.9	8.2	11.1	2.9	7.5	10.4	5.5	8.8	14.3	5.5	8.8	14.3
18.1	7.9	26.0	21.4	8.8	30.2	22.5	12.1	34.6	29.1	17.2	46.3	29.1	17.2	46.3
809.1	**665.8**	**1474.9**	**851.2**	**726.9**	**1578.1**	**901.9**	**828.1**	**1730.0**	**1348.7**	**1083.2**	**2431.9**	**1372.3**	**1102.0**	**2474.3**
1313.9	**1560.8**	**2874.7**	**1316.8**	**1589.3**	**2906.1**	**1397.7**	**1621.0**	**3018.7**	**1704.2**	**1942.3**	**3646.5**	**1704.2**	**1942.3**	**3646.5**
32.0	0	32.0	32.0	2.2	34.2	32.0	2.2	34.2	58.4	3.3	61.7	58.4	3.3	61.7
0.4	0	0.4	0.4	11.0	11.4	0.7	22.0	22.7	2.0	79.4	81.4	2.0	79.4	81.4
147.7	665.8	813.5	165.3	716.5	881.8	253.5	1291.9	1545.4	507.1	1730.6	2237.7	573.2	1840.8	2414.0
7.3	23.4	30.7	7.7	27.8	35.5	8.8	32.2	41.0	19.8	131.4	151.2	19.8	149.0	168.8
136.7	97.4	234.1	192.2	89.1	281.3	215.6	121.7	337.3	336.2	357.4	693.6	351.4	405.9	757.3
134.3	121.7	256.0	133.4	120.2	253.6	166.4	161.6	328.0	209.4	246.9	456.3	244.7	246.9	491.6
28.7	33.1	61.8	39.7	48.5	88.2	39.7	50.7	90.4	114.0	83.1	197.1	114.0	83.1	197.1
25.4	15.4	40.8	25.6	15.4	41.0	27.3	15.4	42.7	35.3	16.5	51.8	35.3	16.5	51.8
2.2	0	2.2	6.8	0	6.8	9.9	2.2	12.1	24.3	11.9	36.2	30.9	11.9	42.8
664.4	685.6	1350.0	741.4	722.2	1463.6	814.2	830.9	1645.1	838.6	841.1	1679.7	926.8	929.2	1856.0
0	70.5	70.5	0	77.2	77.2	0	78.3	78.3	0	83.3	83.3	0	82.7	82.7
2.6	2.4	5.0	5.5	5.5	11.0	6.6	6.6	13.2	11.0	11.0	22.0	11.0	11.0	22.0
11.2	15.2	26.4	20.5	26.5	47.0	30.6	44.8	75.4	42.8	145.5	188.3	60.6	145.5	206.1
77.2	33.1	110.3	81.6	35.3	116.9	81.6	35.3	116.9	94.8	39.7	134.5	94.8	39.7	134.5
77.2	44.1	121.3	79.4	46.3	125.7	79.4	46.3	125.7	112.4	66.1	178.5	116.8	66.1	182.9
2.2	0	2.2	2.2	0	2.2	2.2	0	2.2	6.0	0	6.0	6.0	0	6.0
619.0	771.8	1390.8	713.0	912.7	1625.7	921.3	987.7	1909.0	1113.3	1212.5	2325.8	1289.7	1377.9	2667.6
2.2	0	2.2	4.4	0	4.4	4.4	0	4.4	11.0	0	11.0	11.0	0	11.0
68.6	105.8	174.4	70.5	110.2	180.7	81.6	115.5	197.1	163.1	144.0	307.1	163.1	144.0	307.1
2039.3	**2685.3**	**4724.6**	**2321.6**	**2966.6**	**5288.2**	**2775.8**	**3845.3**	**6621.1**	**3699.5**	**5203.7**	**8903.2**	**4109.5**	**5632.9**	**9742.4**
9889.8	**12464.8**	**22354.6**	**10703.0**	**13711.9**	**24414.9**	**11355.6**	**14864.0**	**26219.6**	**14814.0**	**19139.6**	**33953.6**	**15624.2**	**19552.7**	**35176.9**

TABLE 5A:
WORLD CELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE												
AUSTRIA	24.9	211.6	236.5	26.5	217.8	244.3	33.7	221.8	255.5	34.4	237.9	272.3
BELGIUM NETHERLANDS	79.4	52.0	131.4	79.6	59.3	138.9	82.4	48.5	130.9	84.4	32.2	116.6
FINLAND	2.6	94.4	97.0	2.6	105.8	108.4	1.3	104.1	105.4	0	102.7	102.7
FRANCE	42.5	121.7	164.2	40.8	129.9	170.7	36.2	109.3	145.5	24.3	94.6	118.9
WEST GERMANY	131.6	108.0	239.6	128.1	110.2	238.3	143.7	101.4	245.1	143.3	110.2	253.5
GREECE	15.9	0	15.9	15.9	0	15.9	15.9	0	15.9	15.9	0	15.9
ITALY	86.6	103.4	190.0	84.7	86.0	170.7	80.7	60.6	141.3	77.4	53.8	131.2
NORWAY	0	62.6	62.6	0	64.6	64.6	0	62.6	62.6	0	62.6	62.6
PORTUGAL	4.6	2.6	7.2	5.5	3.7	9.2	6.0	1.5	7.5	6.4	0.7	7.1
SPAIN	30.4	102.7	133.1	27.8	99.9	127.7	28.2	88.4	116.6	27.8	83.3	111.1
SWEDEN	0	81.3	81.3	0	81.3	81.3	0	76.9	76.9	0	76.5	76.5
SWITZERLAND	9.0	0	9.0	7.3	0	7.3	4.0	0	4.0	+	0	+
TURKEY	0.7	8.8	9.5	0.7	13.2	13.9	0.7	11.0	11.7	0.7	11.0	11.7
UNITED KINGDOM	131.6	274.3	405.9	130.5	306.9	437.4	80.9	241.0	321.9	59.5	225.7	285.2
TOTAL WESTERN EUROPE	**559.8**	**1223.4**	**1783.2**	**550.0**	**1278.6**	**1828.6**	**513.7**	**1127.1**	**1640.8**	**474.1**	**1091.2**	**1565.3**
EASTERN EUROPE												
BULGARIA	7.0	61.3	68.3	7.1	66.1	73.2	7.3	72.7	80.0	9.5	76.5	86.0
CZECHOSLOVAKIA	47.4	109.1	156.5	48.5	79.4	127.9	43.7	76.9	120.6	40.1	79.4	119.5
GERMANY, D.R.	75.0	284.8	359.8	77.2	286.6	363.8	80.5	291.0	371.5	81.6	291.0	372.6
HUNGARY	0	19.8	19.8	0	19.0	19.0	0	19.8	19.8	0	16.5	16.5
POLAND	61.7	144.2	205.9	60.0	124.8	184.8	56.0	134.5	190.5	43.0	97.9	140.9
ROMANIA	20.9	116.8	137.7	21.4	121.2	142.6	20.9	119.0	139.9	21.2	121.2	142.4
U.S.S.R.	661.4	738.5	1399.9	657.0	742.9	1399.9	672.4	760.6	1433.0	661.4	761.7	1423.1
YUGOSLAVIA	33.1	125.7	158.8	34.2	127.9	162.1	33.1	127.9	161.0	33.1	127.9	161.0
TOTAL EASTERN EUROPE	**906.5**	**1600.2**	**2506.7**	**905.4**	**1567.9**	**2473.3**	**913.9**	**1602.4**	**2516.3**	**889.9**	**1572.1**	**2462.0**
TOTAL EUROPE	**1466.3**	**2823.6**	**4289.9**	**1455.4**	**2846.5**	**4301.9**	**1427.6**	**2729.5**	**4157.1**	**1364.0**	**2663.3**	**4027.3**

Y means yarn + monofilaments
S means staple + tow + fiberfill.
These totals do not include data for the Indonesian pilot plant nor production of cellulosic fibers in North Korea.
Production and producing capacity by country, divided as between rayon and acetate yarn, is given on page 161.
Also note page 162 for data on production of acetate staple and cigarette tow.

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
30.4	222.2	252.6	25.1	241.8	266.9	32.6	251.3	283.9	34.0	249.1	283.1	34.0	249.1	283.1
84.0	19.6	103.6	90.6	13.4	104.0	90.6	0	90.6	96.8	0	96.8	96.8	0	96.8
0	117.1	117.1	0	127.0	127.0	0	127.9	127.9	0	134.5	134.5	0	134.5	134.5
18.9	81.3	100.2	18.5	65.0	83.5	16.5	41.9	58.4	22.0	44.1	66.1	22.0	44.1	66.1
134.5	110.2	244.7	130.1	121.3	251.4	145.5	121.3	266.8	149.9	121.3	271.2	149.9	121.3	271.2
15.9	0	15.9	13.9	0	13.9	13.2	0	13.2	16.5	0	16.5	16.5	0	16.5
69.7	31.3	101.0	64.6	0	64.6	67.5	0	67.5	90.4	0	90.4	90.4	0	90.4
0	44.1	44.1	0	0	0	0	0	0	0	0	0	0	0	0
6.8	0	6.8	7.7	0	7.7	7.7	0	7.7	8.8	0	8.8	8.8	0	8.8
24.9	70.1	95.0	23.1	47.4	70.5	15.9	57.5	73.4	45.2	77.2	122.4	45.2	77.2	122.4
0	83.8	83.8	0	86.6	86.6	0	88.4	88.4	0	99.2	99.2	0	99.2	99.2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.7	11.7	12.4	0.7	8.8	9.5	0.7	9.9	10.6	1.1	17.6	18.7	1.1	17.6	18.7
52.9	196.6	249.5	55.1	254.0	309.1	46.3	234.1	280.4	71.6	255.7	327.3	71.6	255.7	327.3
438.7	**988.0**	**1426.7**	**429.4**	**965.3**	**1394.7**	**436.5**	**932.3**	**1368.8**	**536.3**	**998.7**	**1535.0**	**536.3**	**998.7**	**1535.0**
8.8	75.0	83.8	9.0	77.2	86.2	9.0	81.8	90.8	11.0	92.6	103.6	11.0	92.6	103.6
43.2	78.3	121.5	44.3	83.6	127.9	45.2	85.1	130.3	55.1	125.7	180.8	55.1	125.7	180.8
75.0	281.7	356.7	77.2	286.8	364.0	77.6	297.6	375.2	84.9	335.1	420.0	84.9	335.1	420.0
0	16.7	16.7	0	14.1	14.1	0	15.4	15.4	0	22.0	22.0	0	22.0	22.0
42.5	99.4	141.9	40.1	112.9	153.0	43.0	123.5	166.5	69.4	157.6	227.0	69.4	157.6	227.0
18.1	110.2	128.3	18.7	112.4	131.1	18.7	112.4	131.1	22.0	374.8	396.8	22.0	374.8	396.8
649.0	750.7	1399.7	661.4	760.6	1422.0	676.8	760.6	1437.4	749.6	778.2	1527.8	749.6	778.2	1527.8
28.7	121.2	149.9	30.9	127.9	158.8	30.9	121.3	152.2	37.5	132.3	169.8	37.5	132.3	169.8
865.3	**1533.2**	**2398.5**	**881.6**	**1575.5**	**2457.1**	**901.2**	**1597.7**	**2498.9**	**1029.5**	**2018.3**	**3047.8**	**1029.5**	**2018.3**	**3047.8**
1304.0	**2521.2**	**3825.2**	**1311.0**	**2540.8**	**3851.8**	**1337.7**	**2530.0**	**3867.7**	**1565.8**	**3017.0**	**4582.8**	**1565.8**	**3017.0**	**4582.8**

TABLE 5B:
WORLD CELLULOSIC FIBER
PRODUCTION & PRODUCING CAPACITY BY COUNTRY (continued)

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION											
	1978			1979			1980			1981		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	**362.9**	**541.7**	**904.6**	**373.5**	**556.4**	**929.9**	**355.6**	**450.4**	**806.0**	**305.6**	**464.5**	**770.1**
OTHER AMERICAS												
ARGENTINA	9.7	8.4	18.1	11.2	10.4	21.6	4.4	3.3	7.7	2.2	0	2.2
BRAZIL	53.1	49.4	102.5	53.8	56.2	110.0	57.3	55.8	113.1	46.3	55.8	102.1
CANADA	27.1	59.1	86.2	31.1	69.0	100.1	30.9	66.1	97.0	29.8	62.2	92.0
CHILE	1.8	7.3	9.1	2.2	6.6	8.8	2.2	6.6	8.8	2.2	6.6	8.8
COLOMBIA	7.5	0	7.5	7.5	0	7.5	5.3	0	5.3	4.0	0	4.0
CUBA	5.0	8.2	13.2	5.3	8.4	13.7	4.8	8.4	13.2	4.8	8.4	13.2
MEXICO	37.9	23.1	61.0	37.7	22.7	60.4	37.0	24.2	61.2	36.6	24.9	61.5
PERU	2.4	0	2.4	2.9	0	2.9	3.3	0	3.3	2.9	0	2.9
URUGUAY	2.9	0	2.9	3.1	0	3.1	2.9	0	2.9	2.2	0	2.2
VENEZUELA	6.6	0	6.6	6.6	0	6.6	6.2	0	6.2	6.2	0	6.2
TOTAL OTHER AMERICAS	**154.0**	**155.5**	**309.5**	**161.4**	**173.3**	**334.7**	**154.3**	**164.4**	**318.7**	**137.2**	**157.9**	**295.1**
JAPAN	**242.1**	**616.0**	**858.1**	**252.0**	**640.2**	**892.2**	**263.0**	**612.9**	**875.9**	**261.7**	**602.9**	**864.6**
OTHER AFRICA, ASIA & OCEANIA												
BANGLADESH	6.6	0	6.6	9.0	0	9.0	7.7	0	7.7	6.6	0	6.6
CHINA, PRC	143.3	176.4	319.7	149.9	187.4	337.3	165.3	209.4	374.7	176.4	231.5	407.9
EGYPT	13.2	8.1	21.3	12.8	9.3	22.1	13.2	8.8	22.0	13.2	8.8	22.0
INDIA	137.6	202.8	340.4	133.4	203.3	336.7	127.2	164.7	291.9	123.2	208.3	331.5
INDONESIA	0	0	0	0	0	0	0	0	0	0	0	0
IRAQ	6.6	12.1	18.7	6.4	11.9	18.3	6.6	12.1	18.7	6.6	12.1	18.7
KOREA, REP. OF	28.0	22.0	50.0	29.1	22.9	52.0	27.3	33.1	60.4	28.2	30.6	58.8
PAKISTAN	5.1	0	5.1	4.4	0	4.4	5.9	0	5.9	5.3	0	5.3
TAIWAN	6.8	147.5	154.3	6.6	154.3	160.9	6.6	166.0	172.6	6.6	213.2	219.8
THAILAND	0	29.8	29.8	0	33.3	33.3	0	36.2	36.2	0	36.1	36.1
TOTAL OTHER A., A. & O.	**347.2**	**598.7**	**945.9**	**351.6**	**622.4**	**974.0**	**359.8**	**630.3**	**990.1**	**366.1**	**740.6**	**1106.7**
TOTAL WORLD	**2572.5**	**4735.5**	**7308.0**	**2593.9**	**4838.8**	**7432.7**	**2560.3**	**4587.5**	**7147.8**	**2434.6**	**4629.2**	**7063.8**

ACTUAL PRODUCTION									PRODUCING CAPACITY					
1982			1983			1984			1985			1986		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
228.4	**354.9**	**583.3**	**263.9**	**376.1**	**640.0**	**239.0**	**389.6**	**628.6**	**269.0**	**513.9**	**782.9**	**269.0**	**513.9**	**782.9**
3.5	0	3.5	3.7	0	3.7	4.0	3.3	7.3	19.8	22.0	41.8	19.8	22.0	41.8
45.9	53.4	99.3	40.6	48.5	89.1	39.0	63.9	102.9	48.9	68.8	117.7	48.9	68.8	117.7
20.9	61.7	82.6	22.0	66.1	88.1	22.0	68.3	90.3	32.0	83.8	115.8	32.0	83.8	115.8
2.2	7.0	9.2	2.2	7.1	9.3	2.6	8.2	10.8	3.3	11.9	15.2	3.3	11.9	15.2
3.9	0	3.9	4.0	0	4.0	4.0	0	4.0	7.7	0	7.7	7.7	0	7.7
4.6	7.9	12.5	4.4	7.7	12.1	4.4	7.7	12.1	6.6	11.0	17.6	6.6	11.0	17.6
31.1	11.9	43.0	23.8	11.0	34.8	24.0	8.8	32.8	33.1	0	33.1	33.1	0	33.1
2.2	0	2.2	2.2	0	2.2	3.7	0	3.7	3.7	0	3.7	3.7	0	3.7
1.3	0	1.3	2.2	0	2.2	2.2	0	2.2	2.2	0	2.2	2.2	0	2.2
2.6	0	2.6	3.3	0	3.3	3.3	0	3.3	5.3	0	5.3	5.3	0	5.3
118.2	**141.9**	**260.1**	**108.4**	**140.4**	**248.8**	**109.2**	**160.2**	**269.4**	**162.6**	**197.5**	**360.1**	**162.6**	**197.5**	**360.1**
265.6	**570.5**	**836.1**	**257.5**	**597.4**	**854.9**	**244.3**	**587.7**	**832.0**	**279.6**	**661.4**	**961.0**	**299.6**	**661.4**	**961.0**
5.5	0	5.5	5.5	2.2	7.7	5.5	2.2	7.7	11.9	11.0	22.9	11.9	11.0	22.9
176.4	231.5	407.9	187.4	246.9	434.3	191.8	253.5	445.3	220.5	286.6	507.1	220.5	286.6	507.1
15.4	9.9	25.3	15.4	10.1	25.5	15.4	10.1	25.5	15.4	11.9	27.3	15.4	11.9	27.3
107.1	116.4	223.5	101.9	154.1	256.0	97.4	207.2	304.6	154.3	266.3	420.6	154.3	367.3	521.6
0	22.3	22.3	0	26.5	26.5	0	27.8	27.8	0	79.4	79.4	0	79.4	79.4
6.6	12.1	18.7	6.6	12.1	18.7	6.6	12.1	18.7	7.7	14.3	22.0	7.7	14.3	22.0
21.8	12.8	34.6	28.4	0	28.4	28.2	0	28.2	30.9	61.9	92.8	30.9	61.9	92.8
4.0	0	4.0	6.0	0	6.0	6.8	0	6.8	7.3	0	7.3	7.3	0	7.3
7.3	197.3	204.6	6.6	217.2	223.8	5.5	276.7	282.2	9.5	286.6	296.1	9.5	286.6	296.1
0	34.2	34.2	0	38.6	38.6	0	39.7	39.7	0	40.1	40.1	0	40.1	40.1
344.1	**636.5**	**980.6**	**357.8**	**707.7**	**1065.5**	**357.2**	**829.3**	**1186.5**	**457.5**	**1058.1**	**1515.6**	**457.5**	**1159.1**	**1616.6**
2260.3	**4225.0**	**6485.3**	**2298.6**	**4362.4**	**6661.0**	**2287.4**	**4496.8**	**6784.2**	**2754.5**	**5447.9**	**8202.4**	**2754.5**	**5548.9**	**8303.4**

TABLE 6:
RAYON VS. ACETATE FILAMENT YARN
PRODUCTION & PRODUCING CAPACITY BY COUNTRY

MILLION POUNDS

	ACTUAL PRODUCTION																					PRODUCING CAPACITY					
	1970			1979			1980			1981			1982			1983			1984			1985			1986		
COUNTRY	H	R + C	A	H	R + C	A	H	R + C	A	H	R + C	A	H	R + C	A	H	R + C	A	H	R + C	A	H	R + C	A	H	R + C	A
WESTERN EUROPE																											
AUSTRIA	18	7	0	18	9	0	25	9	0	25	9	0	20	11	0	18	9	0	22	11	0	22	11	0	22	11	0
BELGIUM/NETHERLANDS	34	32	13	30	34	15	35	35	13	35	36	13	31	35	13	40	37	15	37	35	15	42	37	18	42	37	18
FRANCE	20	22	0	21	20	0	15	20	0	4	20	0	0	20	0	0	18	0	0	15	0	0	22	0	0	22	0
WEST GERMANY[c]	77	51	4	72	51	4	88	54	2	86	55	2	88	46	0	86	44	0	99	46	0	95	55	0	95	55	0
ITALY[c]	24	25	36	24	20	41	24	11	45	23	11	42	20	7	42	20	4	40	24	4	40	26	20	44	26	20	44
SPAIN	13	11	6	11	11	7	13	10	7	11	11	7	9	9	7	7	9	7	0	9	7	20	20	9	20	20	9
UNITED KINGDOM	34	22	77	25	22	80	2	4	76	0	0	60	0	0	53	0	0	55	0	0	46	0	0	73	0	0	73
OTHER[a]	0	34	0	0	33	0	0	26	0	0	24	0	0	22	0	0	22	0	0	22	0	0	26	0	0	26	0
TOTAL WESTERN EUROPE	**220**	**204**	**136**	**201**	**200**	**149**	**202**	**169**	**143**	**184**	**166**	**124**	**168**	**150**	**115**	**171**	**143**	**117**	**182**	**142**	**108**	**205**	**191**	**144**	**205**	**191**	**144**
EASTERN EUROPE																											
BULGARIA	6	7	0	0	7	0	0	7	0	0	9	0	0	9	0	0	9	0	0	9	0	0	11	0	0	11	0
CZECHOSLOVAKIA	22	20	0	22	26	0	25	24	0	18	22	0	16	26	0	18	26	0	18	26	0	24	31	0	24	31	0
GERMANY, D.R.	29	46	0	29	48	0	30	51	0	31	51	0	29	46	0	31	49	0	31	49	0	33	53	0	33	53	0
POLAND	19	44	0	16	44	0	15	41	0	10	33	0	9	33	0	9	31	0	11	33	0	20	51	0	20	51	0
ROMANIA	13	8	0	13	8	0	13	8	0	13	8	0	11	7	0	11	7	0	11	7	0	13	9	0	13	9	0
U.S.S.R.[b]	364	177	121	360	177	121	364	187	121	364	177	121	353	176	119	357	183	121	364	187	125	375	220	154	375	220	154
YUGOSLAVIA	15	18	0	15	19	0	15	18	0	15	18	0	13	15	0	15	15	0	15	15	0	18	20	0	18	20	0
TOTAL EASTERN EUROPE	**461**	**325**	**121**	**455**	**329**	**121**	**457**	**336**	**121**	**451**	**318**	**121**	**433**	**312**	**119**	**441**	**320**	**121**	**450**	**325**	**125**	**483**	**395**	**154**	**483**	**395**	**154**
U.S.A.[c]	**46**	**15**	**302**	**42**	**15**	**316**	**31**	**15**	**310**	**33**	**15**	**250**	**20**	**13**	**194**	**24**	**13**	**227**	**29**	**13**	**198**	**46**	**15**	**269**	**46**	**15**	**269**
OTHER AMERICAS																											
ARGENTINA	2	6	2	3	6	2	2	2	*	0	*	2	0	0	4	0	0	4	0	0	4	0	13	7	0	13	7
BRAZIL	16	27	8	16	31	7	13	36	9	12	29	7	9	33	4	7	31	2	9	26	4	11	35	4	11	35	4
CANADA	0	0	27	0	0	31	0	0	31	0	0	30	0	0	22	0	0	22	0	0	22	0	0	33	0	0	33
CHILE	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	4	0	0	4	0
COLOMBIA	0	0	7	0	0	7	0	0	6	0	0	4	0	0	4	0	0	4	0	0	4	0	0	9	0	0	9
CUBA	5	*	0	5	*	0	5	*	0	5	*	0	4	0	0	4	0	0	4	0	0	7	0	0	7	0	0
MEXICO	6	13	19	7	13	19	7	11	17	7	13	17	7	11	13	7	4	13	4	4	13	7	9	20	7	9	20
PERU	0	*	2	0	*	3	0	*	3	0	*	3	0	0	2	0	0	2	0	0	4	0	0	4	0	0	4
URUGUAY	0	0	3	0	0	3	0	0	3	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2
VENEZUELA	0	0	7	0	0	7	0	0	6	0	0	5	0	0	2	0	0	2	0	0	4	0	0	4	0	0	4
TOTAL OTHER AMERICAS	**31**	**48**	**75**	**31**	**52**	**79**	**27**	**53**	**74**	**22**	**44**	**71**	**20**	**46**	**53**	**18**	**37**	**51**	**17**	**32**	**57**	**25**	**61**	**83**	**25**	**61**	**83**
JAPAN[c]	**9**	**172**	**51**	**7**	**177**	**60**	**7**	**185**	**71**	**9**	**182**	**71**	**9**	**183**	**75**	**7**	**181**	**71**	**8**	**172**	**68**	**22**	**203**	**75**	**22**	**203**	**75**
OTHER AFRICA, ASIA & OCEANIA																											
INDIA	39	95	4	36	93	4	31	92	4	31	88	4	24	79	4	22	77	2	22	73	2	46	101	7	46	101	7
PAKISTAN	0	0	5	0	0	4	0	0	6	0	0	5	0	0	4	0	0	7	0	0	7	0	0	7	0	0	7
KOREA, REP. OF	0	24	4	0	25	4	0	22	4	0	24	4	0	18	4	0	24	4	0	24	4	0	26	4	0	26	4
OTHER[b]	0	175	0	0	187	0	0	199	0	0	209	0	0	214	0	0	220	0	0	225	0	0	265	0	0	265	0
TOTAL A., A & O	**39**	**294**	**13**	**36**	**305**	**12**	**31**	**313**	**14**	**31**	**321**	**13**	**24**	**311**	**12**	**22**	**321**	**13**	**22**	**322**	**13**	**46**	**392**	**18**	**46**	**392**	**18**
WORLD TOTAL	**806**	**1058**	**708**	**772**	**1079**	**744**	**755**	**1071**	**733**	**730**	**1046**	**658**	**674**	**1015**	**568**	**683**	**1015**	**600**	**704**	**1007**	**570**	**827**	**1257**	**743**	**827**	**1257**	**743**

H Means high tenacity (tire & industrial type) viscose rayon yarn.
R Means regular + intermediate tenacity viscose rayon yarn.
C Means cuprammonium rayon yarn.
A Means acetate + triacetate yarn.

a. Comprises Finland, Greece, Portugal, Switzerland and Turkey.
b. Comprises Bangladesh, People's Republic of China, Egypt, Iraq and Taiwan.
c. Produces both regular + intermediate rayon yarn and cuprammonium rayon yarn.

TABLE 7:
WORLD GLASS FIBER PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS

COUNTRY	PRODUCTION							CAPACITY	
	1978	1979	1980	1981	1982	1983	1984	1985	1986
WEST EUROPE	670	683	661	611	551	639	661	827	827
EAST EUROPE[a]								110	110
U.S.A.	924	1014	866	1041	899	1168	1394	1821	1881
OTHER AMERICAS	59	62	66	68	77	82	86	132	132
JAPAN	322	392	368	384	436	454	548	589	692
OTHER A.A. & O[b]	26	26	29	31	26	31	31	68	68
TOTAL ABOVE	**2001**	**2177**	**1990**	**2135**	**1989**	**2374**	**2720**	**3547**	**3710**
CHINA, PRC	DATA NOT AVAILABLE				66	66	88	132	132
U.S.S.R.					143	143	165	242	242

Glass fiber is defined on page 118 of the June 1985 issue. The glass fiber producing capacity, in operable condition, is shown on an annual rate basis as of March 1985 (1985) and December 1986 (1986).

a. The data for East Europe do not include estimates for the U.S.S.R.

b. The Other Africa, Asia & Oceania countries are Australia, India and South Africa.

TABLE 8:
ESTIMATED WORLD CIGARETTE TOW PRODUCTION

MILLION POUNDS

AREA	1978	1979	1980	1981	1982	1983	1984
EUROPE[a]	168	163	163	178	178	176	176
U.S.A. OTHER AMERICAS[b]	397	439	485	498	476	465	406
ASIA[c]	98	90	90	93	93	95	104
WORLD TOTAL	**663**	**692**	**738**	**769**	**747**	**736**	**686**

a. Belgium, Fed. Rep. of Germany, U.S.S.R. & United Kingdom

b. Brazil, Canada, Colombia, Mexico & Venezuela

c. Japan and Rep. of Korea

TABLE 9:
WORLD ACETATE STAPLE PRODUCTION & CAPACITY

MILLION POUNDS

COUNTRY	PRODUCTION							CAPACITY	
	1978	1979	1980	1981	1982	1983	1984	1985	1986
U.K.	1.1	1.1	0.7	0.4	0.4	0.4	0.4	1.1	1.1
U.S.A.	7.0	7.0	7.0	4.0	1.1	1.3	0.4	0.4	0.4
CANADA	1.3	0	0	0	0	0	0	0	0
INDIA	0.9	0.9	0.2	0.7	0.7	0.4	0.4	1.8	1.8
WORLD TOTAL	**10.3**	**9.0**	**7.9**	**5.1**	**2.2**	**2.1**	**1.2**	**3.3**	**3.3**

TABLE 10:
WORLD OLEFIN FIBER PRODUCTION

MILLION POUNDS

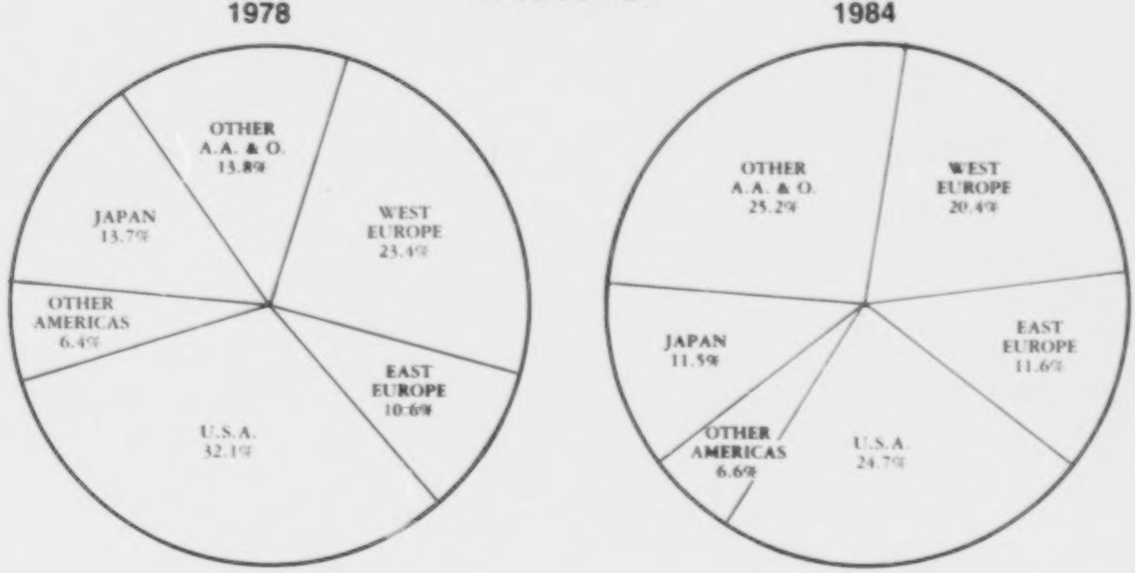
COUNTRY	1978	1979	1980	1981	1982	1983	1984
WEST EUROPE							
BENELUX	108	123	126	145	161	165	170
DENMARK	31	33	31	31	29	31	31
FRANCE	66	53	59	62	57	64	64
GERMANY, F.R.	115	126	117	123	121	134	134
IRELAND (EIRE)	11	13	20	20	18	20	20
ITALY	130	135	126	137	130	148	156
UNITED KINGDOM	176	181	176	179	167	176	176
SUBTOTAL EEC	**637**	**664**	**655**	**697**	**683**	**738**	**751**
AUSTRIA	39	41	39	37	42	44	46
FINLAND	7	7	7	7	7	9	9
GREECE CYPRUS	20	22	20	20	20	22	20
NORWAY	7	9	9	9	9	11	9
PORTUGAL	86	84	88	84	84	86	86
SPAIN	79	81	84	84	79	79	82
SWEDEN	7	7	7	7	7	9	9
SWITZERLAND	7	7	7	7	7	9	9
TURKEY	13	11	11	11	11	13	13
TOTAL WEST EUROPE	**902**	**933**	**927**	**963**	**949**	**1020**	**1034**
EAST EUROPE							
CZECHOSLOVAKIA	24	26	24	24	24	26	26
HUNGARY	22	29	33	35	35	35	35
POLAND	31	29	31	33	26	33	35
U.S.S.R.	26	33	33	33	29	40	44
U.S.A.							
YARN + MONOFIL	315	333	324	320	295	370	386
STAPLE	95	119	115	141	139	190	249
FILM FIBER	282	306	309	326	289	328	340
OTHER AMERICAS							
ARGENTINA	24	24	22	22	24	26	26
BRAZIL	86	86	88	88	86	79	86
CANADA	68	71	66	66	62	70	66
CHILE	2	2	2	2	2	2	2
EL SALVADOR GUATEMALA HONDURAS	4	4	4	4	4	7	7
MEXICO	40	44	48	51	51	57	57
NICARAGUA	2	2	2	2	2	2	2
PERU	11	11	11	13	13	13	13
URUGUAY	2	2	2	4	2	4	4
JAPAN							
YARN + MONOFIL	35	40	35	31	31	31	31
STAPLE	60	64	60	57	62	64	71
FILM FIBER	NA	NA	NA	NA	NA	NA	NA
OTHER AFRICA, ASIA & OCEANIA							
AUSTRALIA	40	44	44	44	42	46	49
KOREA, REP. OF	15	18	9	7	4	2	2
PHILIPPINES	4	4	4	4	7	7	7
SOUTH AFRICA	7	7	7	7	7	11	11
TAIWAN	97	101	110	117	123	132	139
OTHER	+	+	+	+	+	2	2

The olefin data shown comprise (a) the tonnages of yarn, monofilaments and staple plus film fiber reported by official sources, such as governments, trade associations or other statistical agents plus (b) estimates of the additional tonnages of olefin fiber not included in the aforementioned data. Note text on page 140 of the June ***Organon***.

No attempt is made to strike a world total inasmuch as data are incomplete for a number of countries, particularly in Latin America, East Europe and Other Africa, Asia & Oceania.

GRAPH 1:
PERCENT SHARE OF WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY BY AREA

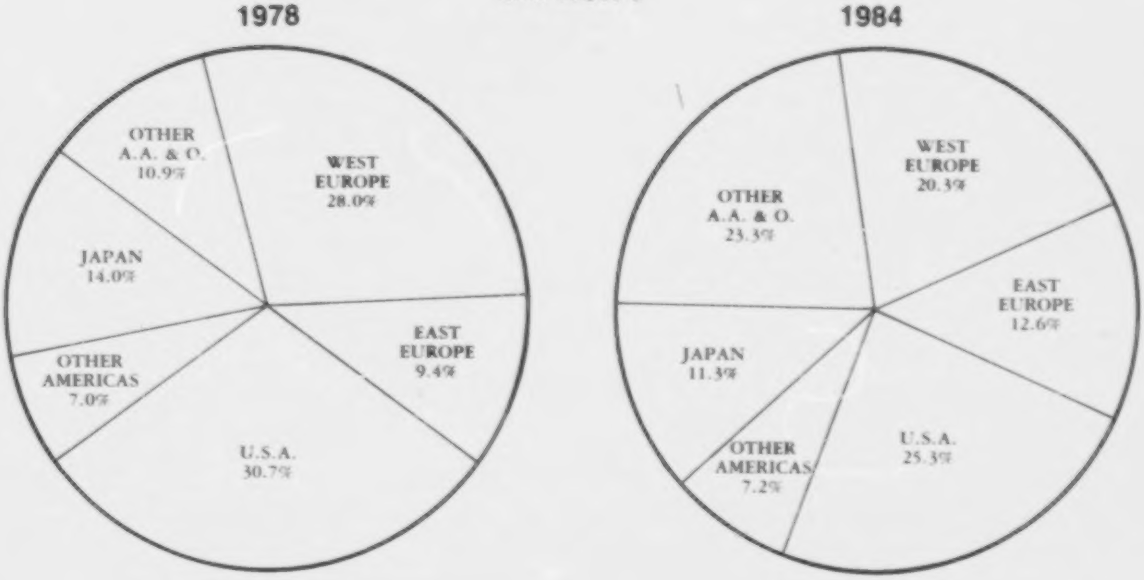
PRODUCTION



TOTAL: 22,121 MM lbs.

TOTAL: 26,220 MM lbs.

CAPACITY



TOTAL: 27,103 MM lbs.

TOTAL: 31,792 MM lbs.

GRAPH 2:
WORLD NONCELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY[a]

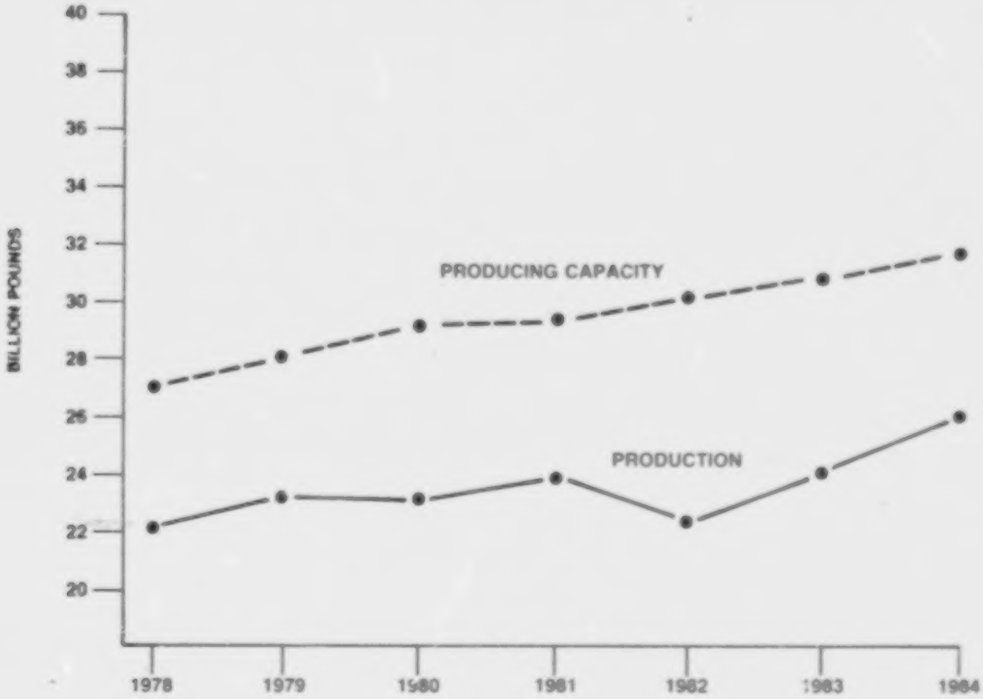


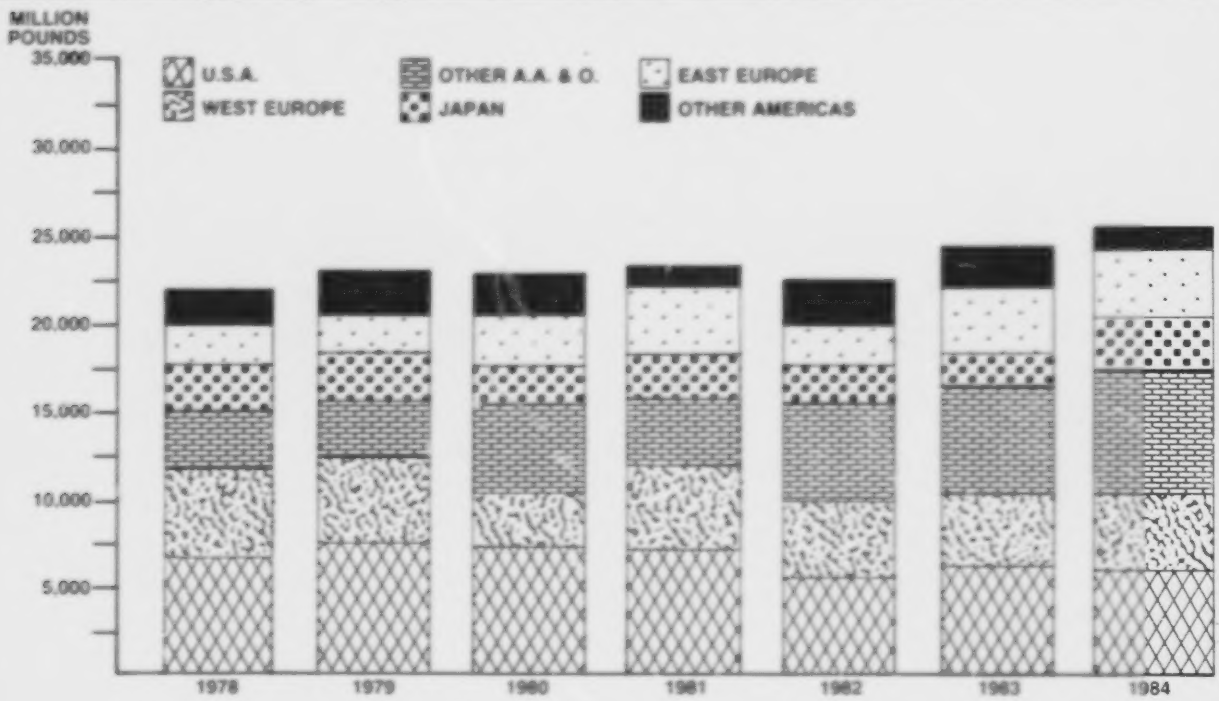
TABLE 11:
1978-1984 WORLD NONCELLULOSIC PRODUCTION VS. PRODUCING CAPACITY[a]

MILLION POUNDS

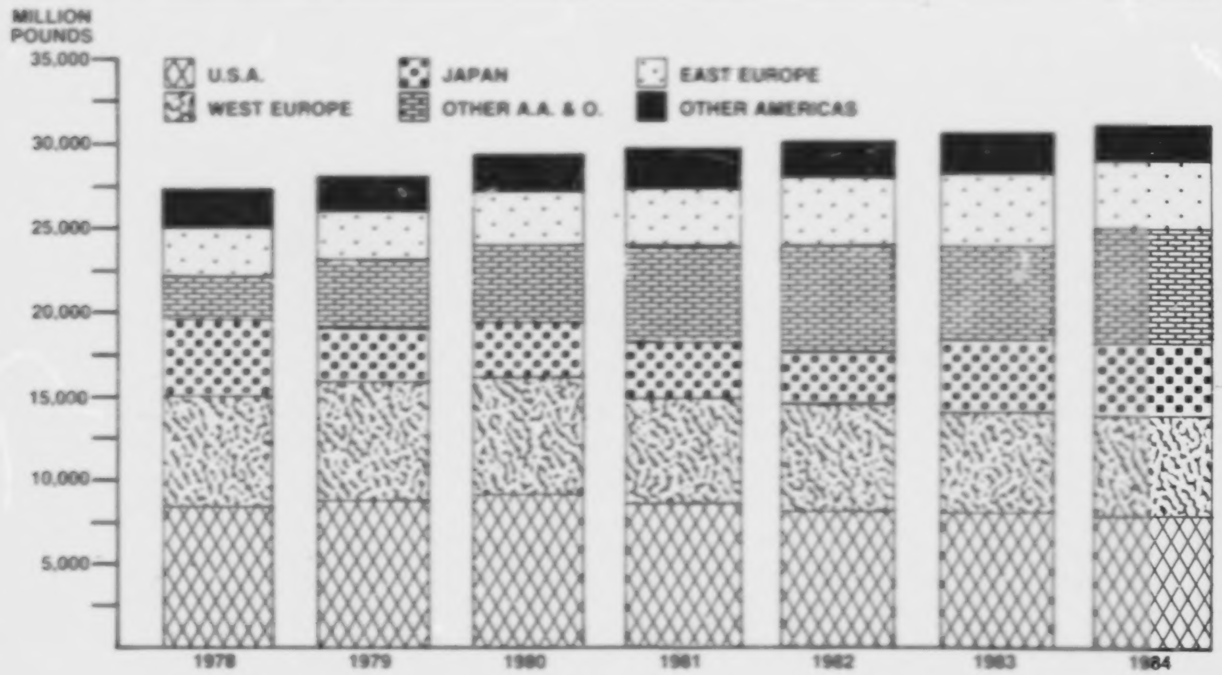
YEAR	PRODUCTION	CAPACITY
1978	22,121	27,103
1979	23,374	27,870
1980	23,096	29,191
1981	23,868	29,391
1982	22,355	30,329
1983	24,414	30,592
1984	26,220	31,792

a. Noncellulosic yarn + monofilament and staple + tow

GRAPH 3:
WORLD NONCELLULOSIC FIBER PRODUCTION BY AREA

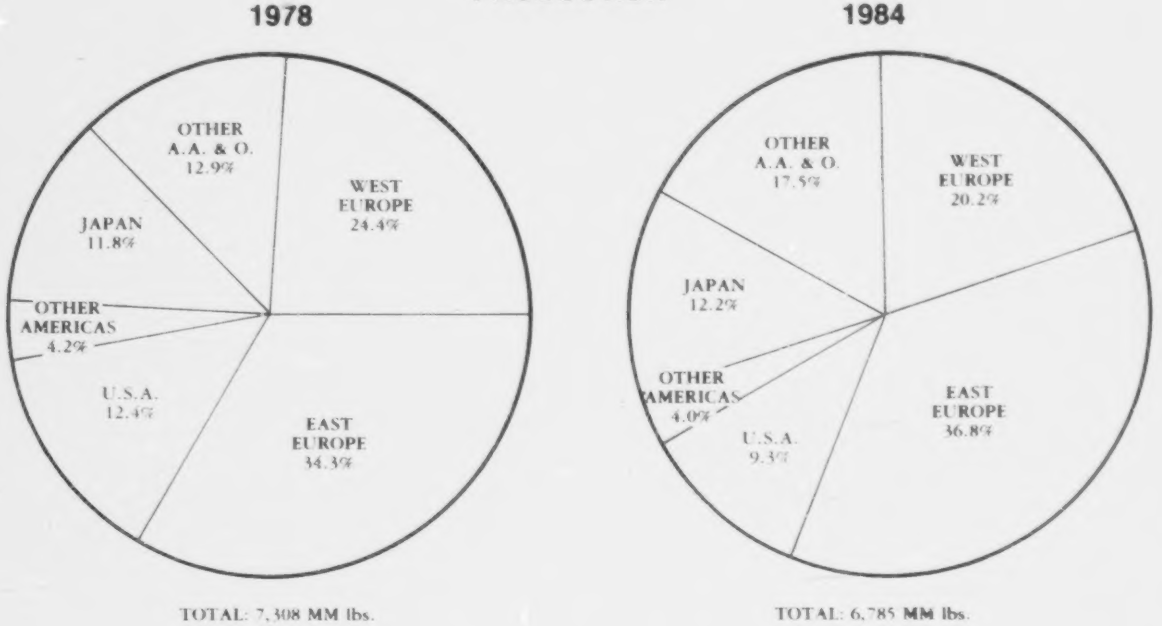


GRAPH 4:
WORLD NONCELLULOSIC FIBER CAPACITY BY AREA

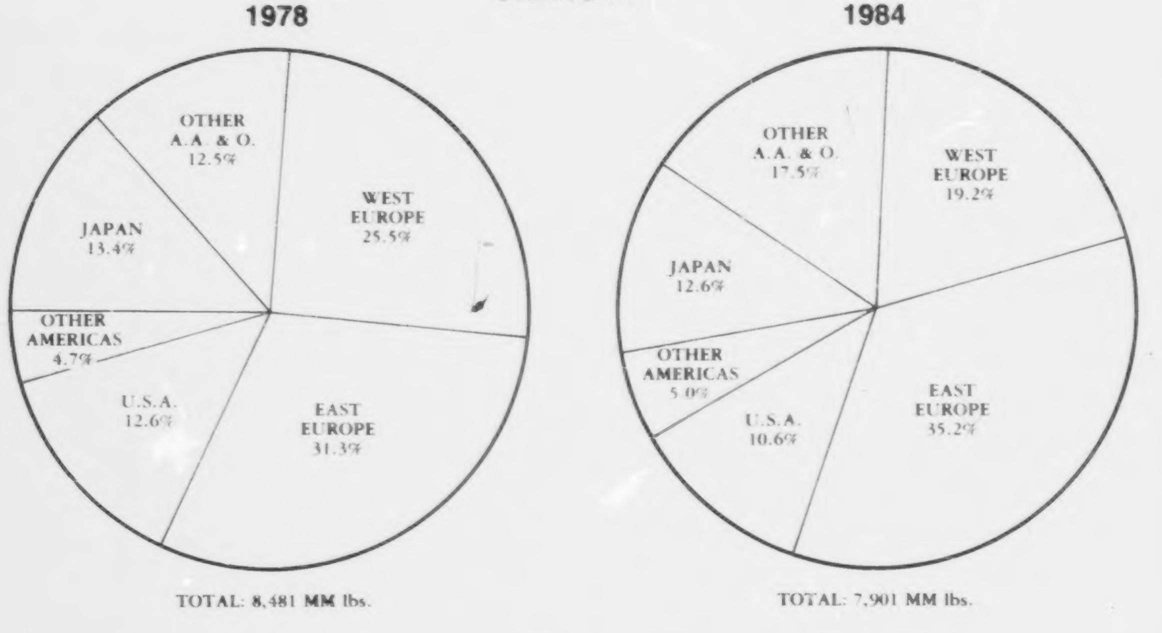


GRAPH 5: WORLD CELLULOSIC FIBER PRODUCTION & PRODUCING CAPACITY

PRODUCTION



CAPACITY



MAN-MADE FIBER TRADE BALANCE FALLS

The U.S. man-made fiber balance of trade fell in June, as the net-export balance of trade fell to 46.2 million pounds, down from the 53.6 export balance in May.

Falling exports coupled with rising imports caused the decline in the trade balance. Imports of fiber totaled 30.5 million pounds, up over 20% from May's level of 25.3 million pounds. Exports of fiber in June totaled 76.7 million pounds, down 3% from 79.0 million pounds in May.

The June trade balance is almost 13% below that of June 1984. This month's exports are almost 8% higher than last June's level, while imports are up over 66% above the June 1984 level.

JUNE DETAIL

The net-export trade balance in noncellulosic staple + tow fell over 40% in June to 17.2 million pounds, whereas the net-export trade balance in noncellulosic yarn + monofilaments rose over 7% to 22.4 million pounds.

The noncellulosic staple + tow balance of trade fell in June as imports rose almost 7% and exports declined almost 25%.

The balance of trade for noncellulosic yarn + monofilaments increased in June as a result of rising exports and imports. Exports rose by 16% and imports increased by over 39%.

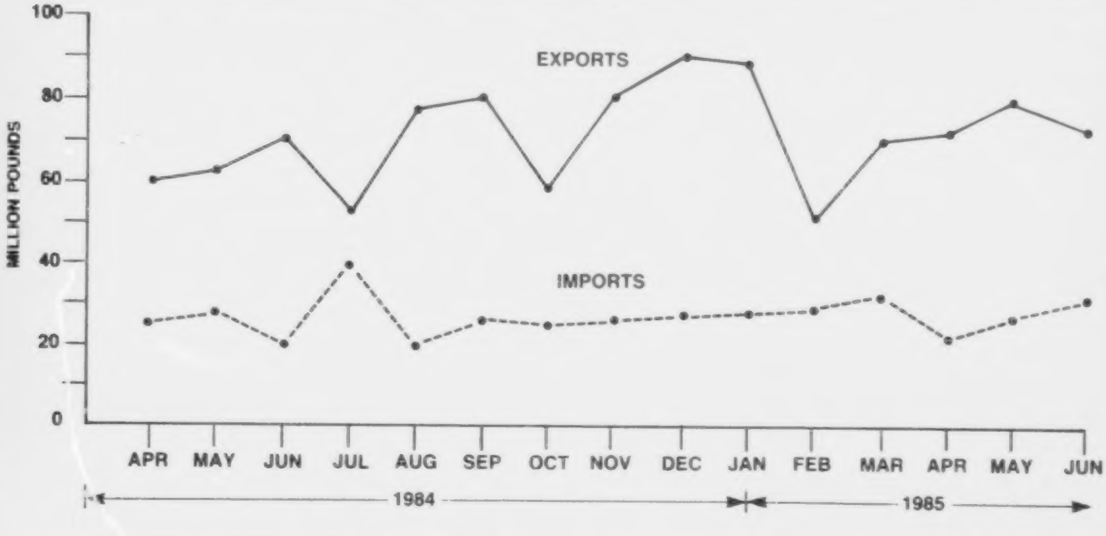
Products to note in June:

- *Nylon staple.* Imports rose by 86%.
- *Polyester textured yarn.* Exports soared by 60%.
- *Polyester waste.* Imports increased by 111%.
- *Nylon textured yarn.* Imports rose by 316%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented the manufactures trade data will again appear in the ORGANON.

GRAPH 6:
IMPORTS VERSUS EXPORTS OF MAN-MADE FIBER



GRAPH 7:
MAN-MADE FIBER MONTHLY TRADE BALANCE

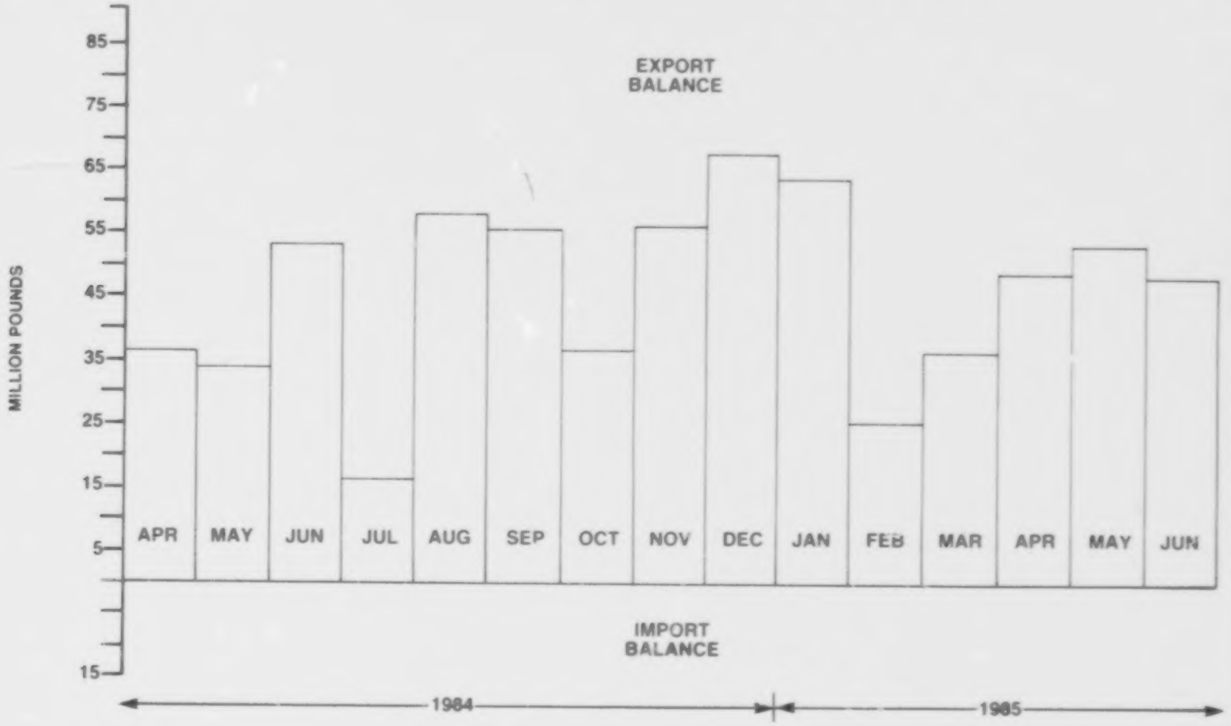


TABLE 12:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL

MILLION POUNDS

COMMODITY	1984										1985					
	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
CELLULOSIC YARN + MONOFILAMENTS	0.4I	0.4E	0.6I	0.3E	0.6I	1.1I	0.1I	0.1E	0.1I	1.2I	0.3I	0.7I	0.3E	+	0.1I	0.8I
CELLULOSIC STAPLE + TOW	7.7E	5.8E	2.9E	6.2E	2.2E	2.9E	1.7E	1.9E	1.1E	3.1E	1.6E	0.8E	2.2E	3.7E	1.5E	4.4E
NONCELLULOSIC YARN + MONOFILAMENTS	13.5E	10.1E	8.3E	12.4E	8.2E	14.8E	19.1E	10.6E	14.7E	19.6E	14.5E	12.2E	10.2E	18.9E	20.9E	22.4E
NONCELLULOSIC STAPLE + TOW	23.4E	16.7E	16.8E	24.3E	10.7E	37.4E	31.0E	22.1E	38.7E	40.4E	45.0E	16.6E	23.4E	24.9E	29.0E	17.2E
CELLULOSIC WASTE	0.6E	+	0.1E	+	0.1I	0.1E	0.2E	0.1I	0.2E	0.1E	+	+	0.2E	0.1E	0.1E	0.1E
NONCELLULOSIC WASTE	5.0E	3.4E	7.2E	9.8E	4.1I	3.5E	4.0E	2.0E	2.1E	5.0E	3.2E	2.8I	0.7I	+	2.2E	2.9E
TOTAL	**49.8E**	**36.4E**	**34.7E**	**53.0E**	**16.3E**	**57.6E**	**55.9E**	**36.6E**	**56.7E**	**67.0E**	**64.0E**	**26.1E**	**35.6E**	**47.6E**	**53.6E**	**46.2E**

I means net-import balance.
E means net-export balance.

TABLE 13:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985						YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	120	131	140	185	199	256	1031	1042
MEXICO	33	40	36	138	64	183	494	420
FRANCE	27	0	0	30	0	0	57	49
GERMANY, FED. REP. OF	686	424	358	169	382	645	2664	2257
NETHERLANDS	77	76	84	145	36	209	627	238
JAPAN	96	73	10	66	9	58	312	349
REP. OF KOREA	0	0	0	22	9	130	161	180
ALL OTHER COUNTRIES [a]	71	60	112	91	91	145	570	121
TOTAL CELLULOSIC YARN	**1110**	**804**	**740**	**846**	**790**	**1626**	**5916**	**4656**
CELLULOSIC STAPLE + TOW								
CANADA	788	662	561	548	522	348	3429	4252
AUSTRIA	62	88	19	20	0	20	209	1244
SWEDEN	314	368	271	595	1	0	1549	1470
UNITED KINGDOM	162	268	180	53	52	62	777	582
JAPAN	20	32	59	92	91	5	299	678
ALL OTHER COUNTRIES [b]	35	0	223	0	50	2	310	82
TOTAL CELL. STAPLE + TOW	**1381**	**1418**	**1313**	**1308**	**716**	**437**	**6573**	**8308**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	962	716	939	1085	1038	1507	6247	10395
COSTA RICA	0	0	30	0	7	31	68	45
MEXICO	624	588	923	566	435	1099	4235	8399
AUSTRIA	83	109	89	126	43	44	494	166
BELGIUM	205	454	949	519	540	1084	3751	63
FRANCE	682	441	320	314	104	471	2332	903
GERMANY, FED. REP. OF	1676	1879	2645	1170	1639	1308	10317	9388
ITALY	1528	911	925	258	529	2020	6171	2766
NETHERLANDS	93	1	37	54	98	79	362	311
SPAIN	1	0	+	0	2	1	4	323
SWITZERLAND	35	26	32	14	32	26	165	261
UNITED KINGDOM	591	612	807	575	638	629	3852	1607
ISRAEL	78	274	98	182	286	278	1196	627
JAPAN	584	793	473	875	724	462	3911	8156
REP. OF KOREA	3	1	1	4	1	0	10	184
TAIWAN	9	1	21	19	33	38	121	383
ROMANIA	88	0	0	0	22	0	110	279
SOUTH AFRICA	286	209	1618	986	1189	1260	5548	2252
ALL OTHER COUNTRIES [c]	242	290	184	748	372	423	2259	461
TOTAL NONCELLULOSIC YARN	**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**51153**	**46969**
NONCELLULOSIC STAPLE + TOW								
BRAZIL	278	415	935	0	670	536	2834	416
CANADA	1640	2153	1296	2287	2591	2214	12181	7205
COSTA RICA	86	330	187	260	144	189	1196	1191
MEXICO	1111	433	772	345	420	953	4034	10630
BELGIUM	127	85	12	67	18	20	329	281
FRANCE	920	1032	923	621	392	656	4544	2606
GERMANY, FED. REP. OF	1656	1970	1670	1456	2367	2402	11521	13221
ITALY	527	411	2448	481	506	1639	6012	6458
NETHERLANDS	74	27	67	29	32	3	232	368
SWITZERLAND	18	146	11	71	19	40	305	252
UNITED KINGDOM	740	1287	879	847	1619	1387	6759	7587
ISRAEL	0	1	55	77	127	262	522	133
JAPAN	1154	1247	1567	1982	2289	2345	10584	6717
REP. OF KOREA	37	170	165	928	475	346	2121	262
TAIWAN	1301	1033	2115	865	1290	1354	7958	5618
ROMANIA	83	88	95	36	29	99	430	1079
SOUTH AFRICA	49	131	0	25	57	24	286	295
ALL OTHER COUNTRIES [d]	43	101	44	190	160	159	697	614
TOTAL NONCELL. STAPLE + TOW	**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**72545**	**64933**

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[a] Brazil 355, Hong Kong 12, Ireland 81, Italy 6, China PRC 2, Sweden 10, Taiwan 23, United Kingdom 81.

[b] Fed. Rep. of Germany 44, Finland 79, France 14, Italy 5, Netherlands 3, Taiwan 165.

[c] Australia 92, Brazil 214, Denmark 114, German Dem. Republic 24, Hong Kong 4, Iran 51, Ireland 107, Morocco 55, Norway 203, China PRC 2, Singapore 48, Sweden 126, Turkey 47, Yugoslavia 1172.

[d] Australia 103, Austria 74, Denmark 112, Finland 173, Iceland 35, Ireland 52, Jordan 16, Kirbat 29, Philippines +, Portugal +, Spain 1, Sweden 35, Turkey 8, Yugoslavia 59.

TABLE 14:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1.1.78	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & 0206	0	0	38	41	0	0	79	310
OTHER	310.0130 & .2030[a]	1105	751	697	726	748	1547	5574	4258
MONOFILAMENTS	309.0310 & 0610	0	17	1	0	0	0	18	5
STRIPS, $1 LB & UNDER	309.2000	5	36	4	79	42	79	245	83
SUBTOTAL ABOVE		**1110**	**804**	**740**	**846**	**790**	**1626**	**5916**	**4656**
STAPLE	309.4320 & 4325	1319	1255	1255	1186	610	408	6033	7582
GROUPED FILAMENTS	309.3010 & 3110	62	163	58	122	106	29	540	726
SUBTOTAL ABOVE		**1381**	**1418**	**1313**	**1308**	**716**	**437**	**6573**	**8308**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & 7510[b]	**96**	**73**	**0**	**41**	**0**	**0**	**210**	**232**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & 0209	2115	1670	2496	1646	992	4129	13048	10169
- POLYESTER	310.0110 & 0210	654	758	2492	1531	1834	1670	8939	5698
- OTHER	310.0114 & 0214	1157	1238	1081	816	1002	1263	6557	4100
OTHER - NYLON	310.0149 & 0249	2037	1819	1450	2132	1950	1961	11349	14162
- POLYESTER	310.0150 & 0250	1336	1326	2183	838	1483	1291	8457	9102
- OTHER	310.0170 & .0270[c]	179	243	140	182	281	108	1133	1480
MONOFILAMENTS	309.0200 & 0330[d]	240	133	190	238	118	196	1115	1701
STRIPS, OVER $1 LB	309.2100 & 2500[*]	52	118	59	112	72	142	555	557
SUBTOTAL ABOVE		**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**51153**	**46969**
STAPLE - NYLON	309.4338	2329	1897	4525	2186	2030	3786	16753	15704
- POLYESTER	309.4342	1623	2018	1854	2551	2736	2382	13164	13304
- ACRYLIC	309.4345	1392	967	1073	1089	1102	1385	7008	7071
- OLEFIN	309.4346	38	169	270	355	583	796	2211	1287
- OTHER	309.4355	1838	1645	2997	894	2464	2233	12071	7473
GROUPED FILAMENTS									
NYLON	309.3030 & 3130	1742	3045	1957	2013	3112	2351	14220	11699
POLYESTER	309.3040 & 3140	372	335	188	270	160	668	1993	3891
ACRYLIC	309.3050 & 3150	440	832	273	916	935	761	4157	3591
OTHER	309.3065 & 3165	70	152	104	293	83	266	968	913
SUBTOTAL ABOVE		**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**72545**	**64933**
WASTE, NOT ADVANCED									
- NYLON	309.6625	3094	4321	3549	1975	1905	1757	16601	13645
- POLYESTER	309.6630	445	950	1386	435	474	1001	4691	3639
- ACRYLIC	309.6645	+	0	10	20	58	0	88	38
- OTHER	309.6660	12	197	169	37	37	291	743	1591
NOILS & GARNETTED FIBERS	309.6000 & .7000[*]	0	0	62	31	0	0	93	219
OTHER WASTE, ADVANCED	309.7525 - 7555	44	368	498	334	431	52	1727	1329
SUBTOTAL ABOVE		**3595**	**5836**	**5674**	**2832**	**2905**	**3101**	**23943**	**20461**
TOTAL MAN - MADE ABOVE		**23796**	**26496**	**31059**	**23089**	**25348**	**30552**	**160340**	**145559**
OTHER MAN - MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0	0	+	1	0	0	1	+
- NONCELLULOSIC	310.1015 & 1109[f]	1106	665	740	248	365	747	3871	5750
OTHER - CELLULOSIC	310.1030 & .1135[g]	48	18	17	6	27	130	246	62
- NONCELLULOSIC	310.1050 & .1070[h]	346	503	337	392	894	480	2952	1397
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	83	143	119	110	168	143	766	796
- OTHER	310.4015 & .4027[j]	2643	1623	2810	2749	4479	3393	17697	17516
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - 8000	682	296	626	250	1126	1143	4123	661
HANDWORK YARNS & SEWING THREAD	310.9000 - 9140	451	462	739	833	851	780	4116	1914
SLIVER, TOPS & ROVING	309.9000	205	241	410	131	227	165	1379	3046
TEXTILE GLASS FIBER	309.2800 & .2900[k]	2454	1496	3565	3438	2160	3771	16884	13517
GRAND TOTAL ABOVE		**31814**	**31943**	**40422**	**31247**	**35645**	**41304**	**212375**	**190220**

SOURCE: U.S. Census Bureau Report IM145X

NES - Not elsewhere specified

[*] These items are not reported by the Census as cellulosic vs noncellulosic. Any separation between cellulosic and non-cellulosic is estimated, based mainly on average declared value

[a] Also includes 310.0510 & .0610

[b] Also includes 309.6615

[c] Also includes 310.0530, .0550, .0630 & .0650

[d] Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665

[e] There may be some acetate yarn in these data, but the Census figures do not permit a segregation

[f] Also includes 310.1110 & .1114

[g] Also includes 310.2010 & .2110

[h] Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150

[i] Also includes 310.5005 & .5030

[j] Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051

[k] Chiefly roving. Also includes 309.9800 & .9900

TABLE 15:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985						YEAR TO DATE	
		JAN	FEB	MAR	APR	MAY	JUN	1985	1984
CELLULOSIC FIBERS									
FILAMENT YARN[a]									
TEXTURED	310.0006	0	4	30	4	2	7	47	66
OTHER[b]	310.0026	811	117	971	765	697	816	4177	6267
MONOFILAMENTS	309.0110	0	0	0	60	4	0	64	2
STRIPS	309.2210	0	7	0	0	0	0	7	56
SUBTOTAL ABOVE		**811**	**128**	**1001**	**829**	**703**	**823**	**4295**	**6391**
STAPLE + TOW-RAYON	309.4222	2925	2042	3375	4870	2144	4517	19873	33062
STAPLE-ACETATE	309.4219	12	133	140	133	70	295	783	1409
SUBTOTAL ABOVE		**2937**	**2175**	**3515**	**5003**	**2214**	**4812**	**20656**	**34471**
WASTE, ADVANCED & NOT ADVANCED	309.7400	**72**	**119**	**161**	**113**	**137**	**141**	**743**	**967**
NONCELLULOSIC FIBERS									
YARN-SINGLES									
NYLON - TEXTURED	310.0008 & .0009	2478	2450	2480	2073	1961	1467	12909	18773
- HIGH TENACITY[c]	310.0027	4921	6044	6255	5527	7101	4516	34364	31305
- OTHER	310.0029	883	1002	954	824	610	600	4873	7510
POLYESTER - TEXTURED	310.0010	7465	5968	5803	13481	10315	16481	59513	31151
- HIGH TENACITY[c]	310.0032	865	795	641	946	4285	4748	12280	4390
- OTHER	310.0034[d]	2458	102	422	295	1114	759	5150	2614
OTHER - TEXTURED	310.0014	264	588	1152	258	509	636	3407	2973
- OLEFIN	310.0040	52	5	61	18	47	67	250	227
- OTHER	310.0044	557	572	607	711	655	1741	4843	2948
MONOFILAMENTS, ALL DENIERS									
NYLON	309.0120	231	195	189	136	288	237	1276	1331
POLYESTER[e]	309.0140	667	434	470	472	533	501	3077	1411
OTHER	309.0170	1060	996	908	1335	894	706	5899	5845
STRIPS	309.2220 & 2270	427	339	346	316	296	646	2370	2437
SUBTOTAL ABOVE		**22328**	**19490**	**20288**	**26392**	**28608**	**33105**	**150211**	**112915**
STAPLE - NYLON	309.4240	1180	471	783	1269	491	992	5186	7881
- POLYESTER	309.4242	23227	9880	18988	16125	22416	18365	109001	62774
- ACRYLIC	309.4245	21821	12541	11117	11634	10587	5923	73623	73271
- OLEFIN	309.4246	1039	261	620	442	750	791	3903	1383
- OTHER	309.4247	755	875	890	775	1217	944	5456	4521
GROUPED FILAMENTS									
NYLON	309.3220	211	95	51	142	24	390	913	1529
POLYESTER[d]	309.3240	3251	1302	2292	2519	3107	2775	15246	15745
ACRYLIC	309.3250 & .3255	3372	2291	1957	2543	3648	1600	15411	15772
SUBTOTAL ABOVE		**54856**	**27716**	**36698**	**35449**	**42240**	**31780**	**228739**	**182876**
WASTE, ADVANCED & NOT ADVANCED									
- NYLON	309.7620	303	196	237	297	345	159	1537	7219
- POLYESTER	309.7630	4721	2235	3165	1606	3530	4091	19348	30639
- ACRYLIC	309.7640	419	214	716	111	176	391	2027	2515
- OTHER	309.7660	1405	342	873	803	1012	1380	5815	8262
SUBTOTAL ABOVE		**6848**	**2987**	**4991**	**2817**	**5063**	**6021**	**28727**	**48635**
TOTAL MAN-MADE FIBER ABOVE		**87852**	**52615**	**66654**	**70603**	**78965**	**76682**	**433371**	**386255**
TEXTILE GLASS FIBER	309.2700 & 9700	7000	3868	7463	5183	5044	5110	33668	26590
GRAND TOTAL ABOVE		**94852**	**56483**	**74117**	**75786**	**84009**	**81792**	**467039**	**412845**

SOURCE: U.S. Census Bureau Report EM546

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 16:
U.S. PRODUCTION OF HOSIERY, 1971-1984
MILLION DOZEN PAIRS

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
WOMEN'S														
PANTYHOSE - SHEER	60.7	76.0	68.9	54.4	51.6	55.1	47.6	44.6	55.3	57.3	59.6	58.5	64.0	67.1
- ELASTOMER		2.3	3.8	4.7	8.8	13.8	19.4	27.7	33.2	36.7	42.5	43.2	47.6	39.4
- OTHER[a]	4.8	2.6	2.3	0.9	0.9	1.5	1.7	1.6	2.4	2.0	2.4	3.4	5.0	7.4
SUBTOTAL PANTYHOSE	**65.5**	**80.9**	**75.0**	**60.0**	**61.3**	**70.4**	**68.7**	**73.9**	**90.9**	**96.0**	**104.5**	**105.1**	**116.6**	**113.9**
STOCKINGS - NONSTRETCH	14.1	8.5	7.7	5.9	4.5	3.7	3.0	2.6	2.4	2.0	1.8	1.5	1.5	1.3
- STRETCH	11.0	7.1	6.6	6.1	3.5	2.8	2.4	2.8	2.7	2.4	2.1	2.4	2.7	2.5
- SUPPORT	1.3	0.9	0.8	0.8	0.7	0.9	1.0	1.0	0.7	0.7	0.6	0.5	0.6	0.4
- OTHER	1.1	0.7	0.5	0.4	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	+	+
SUBTOTAL STOCKINGS	**27.5**	**17.2**	**15.6**	**13.2**	**8.8**	**7.5**	**6.6**	**6.5**	**6.0**	**5.2**	**4.6**	**4.5**	**4.8**	**4.2**
SHEER KNEE-HIGHS & ANKLETS	2.1	4.6	9.3	15.5	27.6	35.9	35.3	30.5	44.8	38.4	42.6	38.1	40.3	44.0
TOTAL WOMEN'S	**95.1**	**102.7**	**99.9**	**88.7**	**97.7**	**113.8**	**110.6**	**110.9**	**141.7**	**139.6**	**151.7**	**147.7**	**161.7**	**162.1**
MEN'S (sizes 10 and up)														
ANKLETS & FOOTSOCKS	49.7	52.9	52.9	53.9	51.2	51.5	50.7	51.7	43.7	27.9	27.8	27.1	27.2	26.8
MID CALF	6.1	6.9	6.8	6.1	6.3	7.7	9.5	11.3	12.5	17.4	19.9	17.3	17.8	17.7
KNEE-HIGHS	3.9	3.7	4.0	4.2	5.7	6.8	9.1	13.4	16.0	17.8	20.7	17.6	21.5	23.9
TOTAL MEN'S	**59.7**	**63.5**	**63.7**	**64.2**	**63.2**	**66.0**	**69.3**	**76.4**	**72.2**	**63.1**	**68.4**	**62.0**	**66.5**	**68.4**
GIRLS', BOYS' & WOMEN'S (sizes 8-11)														
ANKLETS	21.4	21.3	22.2	20.7	20.7	21.3	20.3	18.5	19.6	12.5	14.6	11.9	17.3	19.5
KNEE-HIGHS	11.9	14.2	15.0	16.1	16.8	19.4	21.9	20.6	22.1	24.3	29.8	23.4	25.7	20.2
MID-CALF CREW	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1	4.5	4.0	4.9	4.5
WAIST-HIGHS										0.3	0.5	0.5	0.5	0.5
FOOTSOCKS	2.7	4.5	4.0	4.6	4.4	5.7	6.8	7.6	6.7	8.6	9.4	6.5	5.8	5.2
TOTAL GIRLS', BOYS' & WOMEN'S	**36.0**	**40.0**	**41.2**	**41.4**	**41.9**	**46.4**	**49.0**	**46.7**	**48.4**	**48.8**	**58.8**	**46.3**	**54.2**	**49.9**
INFANTS' & CHILDREN'S (sizes 3-8½)														
ANKLETS	15.6	17.3	17.9	17.3	17.3	21.3	21.4	22.1	22.1	19.3	20.5	16.1	16.5	15.5
KNEE-HIGHS	3.8	3.6	4.1	4.2	4.1	5.5	6.1	6.4	8.5	6.6	7.7	6.7	6.9	5.8
MID-CALF	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	1.2	1.4	1.4	3.6
WAIST-HIGHS & FOOTSOCKS	0.7	0.8	0.6	0.6	0.6	0.9	1.0	1.3	1.6	1.6	1.8	1.6	2.2	2.3
TOTAL INFANTS' & CHILDREN'S	**20.1**	**21.7**	**22.6**	**22.1**	**22.0**	**27.7**	**28.5**	**29.8**	**32.2**	**28.8**	**31.2**	**25.8**	**27.0**	**27.2**
TOTAL HOSIERY	**210.9**	**227.9**	**227.4**	**216.4**	**224.8**	**253.9**	**257.4**	**263.8**	**294.5**	**280.3**	**310.1**	**281.8**	**309.4**	**307.6**

SOURCE: National Association of Hosiery Manufactures · ***1984 Hosiery Statistics.***

+ means nominal poundage.

a. Includes opaque hosiery, which is defined as hosiery knit on 370 needles or more, using leg yarn 30 denier or coarser

TABLE 17:
QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1984					1985					1986				
	1st Q	2nd Q	3rd Q	4th Q	YEAR	1st Q	2nd Q	3rd Q	4th Q	YEAR	1st Q	2nd Q	3rd Q	4th Q	YEAR
						YARN + MONOFILAMENTS[c]									
CELLULOSIC YARN[f]															
PRODUCTION	55.7	56.0	50.0	37.0	198.2	52.8	54.6								
SHIPMENTS - DOMESTIC	48.7	51.9	43.4	36.1	180.1	44.4	48.0								
- EXPORT	5.8	4.2	4.4	3.8	18.2	7.3	6.1								
TOTAL SHIPMENTS	54.5	56.1	47.8	39.9	198.3	52.0	54.1								
ENDING STOCK	13.2	13.1	15.3	12.4		18.9	19.4								
NYLON															
PRODUCTION	400.9	407.9	383.3	385.2	1577.3	369.8	359.4								
SHIPMENTS - DOMESTIC	365.1	370.7	348.9	353.4	1438.1	322.7	352.1								
EXPORT	29.9	30.1	29.1	30.2	119.3	33.5	25.0								
TOTAL SHIPMENTS	395.0	400.8	378.0	383.6	1557.4	356.2	377.1								
ENDING STOCK	126.7	133.8	139.1	140.7		154.3	136.6								
OLEFIN[b]															
PRODUCTION	178.0	184.5	171.5	213.1	747.1	245.1	266.8								
SHIPMENTS - DOMESTIC	169.3	180.2	169.6	206.5	725.6	237.1	261.5								
- EXPORT	4.3	3.8	4.2	4.2	16.5	3.6	4.0								
TOTAL SHIPMENTS	173.6	184.0	173.8	210.7	742.1	240.7	265.5								
ENDING STOCK	60.9	61.4	59.1	61.5		65.9	67.2								
POLYESTER															
PRODUCTION	318.8	297.5	279.8	303.9	1200.0	316.2	340.8								
SHIPMENTS - DOMESTIC	291.9	286.1	276.9	290.0	1144.9	290.1	311.6								
- EXPORT	14.1	12.4	9.9	16.8	53.2	17.7	30.6								
TOTAL SHIPMENTS	306.0	298.5	286.8	306.8	1198.1	307.8	342.2								
ENDING STOCK	110.4	109.4	102.4	99.5		107.9	106.5								
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	897.7	889.9	834.6	902.2	3524.4	931.1	967.0								
SHIPMENTS - DOMESTIC	826.3	837.0	795.4	849.9	3308.6	849.9	925.2								
- EXPORT	48.3	46.3	43.2	51.2	189.0	54.8	59.6								
TOTAL SHIPMENTS	874.6	883.3	838.6	901.1	3497.6	904.7	984.8								
ENDING STOCK	298.0	304.6	300.6	301.7		328.1	310.3								
DOMESTIC SHIPMENTS	826.3	837.0	795.4	849.9	3308.6	849.9	925.2								
IMPORTS - TEXTURED YARN[e]	12.4	13.3	12.0	12.3	50.0	16.2	16.2								
- OTHER YARN[e]	12.9	13.2	13.9	11.1	51.1	11.9	12.0								
- MONOFILAMENTS	1.0	0.7	0.8	0.4	2.9	0.6	0.6								
TOTAL IMPORTS	26.3	27.2	26.7	23.8	104.0	28.7	28.8								
TOTAL AVAILABLE	852.6	864.2	822.1	873.7	3412.6	878.6	954.0								
						TEXTILE GLASS FIBER									
PRODUCTION	333.3	337.0	342.9	380.8	1394.0	NA	NA								
SHIPMENTS - DOMESTIC	305.1	340.8	311.0	293.8	1250.7	300.6	NA								
- EXPORT	11.7	14.8	14.9	16.6	58.0	17.3	NA								
TOTAL SHIPMENTS	316.8	355.6	325.9	310.4	1308.7	317.9	325.6								
ENDING STOCK	141.2	122.6	139.6	210.0		NA	NA								
IMPORTS	7.8	5.7	5.4	4.2	23.1	7.5	9.3								
TOTAL AVAILABLE	312.9	346.5	316.4	298.0	1273.8	308.1	NA								

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA No longer available

"**Imports**" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 42 + 43 of the March 1985 issue for further details on these yarns.

b. Also include film fiber as well as spunbonded polypropylene.

c. Include singles and plied.

d. Acetate staple + tow data are available annually only; see pages 42 + 43 of the March 1985 issue for further details.

e. These figures are composites of the nylon, acrylic + modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345 & .4346.

f. 1984 data — Acetate Yarn only.

TABLE 18:
QUARTERLY MAN-MADE FIBER DATA *(continued)*

MILLION POUNDS

ITEM	1984					1985					1986				
	1st Q	2nd Q	3rd Q	4th Q	YEAR	1st Q	2nd Q	3rd Q	4th Q	YEAR	1st Q	2nd Q	3rd Q	4th Q	YEAR
								STAPLE + TOW*							
RAYON															
PRODUCTION	104.0	103.7	94.0	87.5	389.2	85.6	85.8								
SHIPMENTS - DOMESTIC	90.7	82.5	81.6	77.1	331.9	73.8	76.6								
- EXPORT	11.3	20.3	10.3	10.2	52.1	7.9	13.5								
TOTAL SHIPMENTS	102.0	102.8	91.9	87.3	384.0	81.7	90.1								
ENDING STOCK	25.3	26.2	28.3	28.5		32.4	28.1								
DOMESTIC SHIPMENTS	90.7	82.5	81.6	77.1	331.9	73.8	76.6								
IMPORTS FOR CONSUMPTION															
STAPLE	4.4	3.2	3.9	3.9	15.4	3.8	2.2								
GROUPED FILAMENTS	0.4	0.3	0.5	0.4	1.6	0.3	0.3								
TOTAL IMPORTS	4.8	3.5	4.4	4.3	17.0	4.1	2.5								
TOTAL AVAILABLE	95.5	86.0	86.0	81.4	348.9	77.9	79.1								
NYLON															
PRODUCTION	220.9	216.6	193.0	204.3	834.8	191.6	200.8								
SHIPMENTS - DOMESTIC	211.1	210.6	194.5	198.2	814.4	192.8	202.7								
- EXPORT	5.6	3.1	4.6	3.6	16.9	3.3	3.1								
TOTAL SHIPMENTS	216.7	213.7	199.1	201.8	831.3	196.1	205.8								
ENDING STOCK	79.3	82.2	76.1	78.6		74.1	69.1								
IMPORTS	7.9	7.8	12.1	10.5	38.3	8.7	8.0								
TOTAL AVAILABLE	219.0	218.4	206.6	208.7	852.7	201.5	210.7								
ACRYLIC + MODACRYLIC															
PRODUCTION	171.7	174.9	164.7	159.5	670.8	163.0	158.5								
SHIPMENTS - DOMESTIC	120.6	124.2	107.7	94.2	446.7	105.3	119.7								
- EXPORT	48.5	51.3	60.7	59.0	219.5	59.0	42.4								
TOTAL SHIPMENTS	169.1	175.5	168.4	153.2	666.2	164.3	162.1								
ENDING STOCK	75.4	74.8	71.1	77.4		76.1	72.5								
IMPORTS	3.3	3.8	3.9	2.5	13.5	3.4	3.6								
TOTAL AVAILABLE	123.9	128.0	111.6	96.7	460.2	108.7	123.3								
OLEFIN + VINYON															
PRODUCTION	57.3	61.8	64.4	66.4	249.9	69.1	72.7								
SHIPMENTS - DOMESTIC	53.7	61.0	62.7	63.5	240.9	67.2	72.9								
- EXPORT	3.8	0.6	0.5	0.9	5.8	1.0	1.0								
TOTAL SHIPMENTS	57.5	61.6	63.2	64.4	246.7	68.2	73.9								
ENDING STOCK	19.8	20.0	21.2	23.2		24.1	22.9								
POLYESTER															
PRODUCTION	561.6	573.5	531.4	525.3	2191.8	520.7	512.2								
SHIPMENTS - DOMESTIC	514.2	527.7	481.3	469.0	1992.2	456.3	460.2								
- EXPORT	32.8	34.6	44.8	88.0	200.2	51.0	63.2								
TOTAL SHIPMENTS	547.0	562.3	526.1	557.0	2192.4	507.3	523.4								
ENDING STOCK	188.7	199.9	205.2	173.5		186.9	175.7								
IMPORTS	7.8	5.5	5.2	4.4	22.9	5.5	7.7								
TOTAL AVAILABLE	522.0	533.2	486.5	473.4	2015.1	461.8	467.9								
TOTAL NONCELLULOSIC															
PRODUCTION	1011.5	1026.8	953.5	955.5	3947.3	944.4	944.2								
SHIPMENTS - DOMESTIC	899.6	923.5	846.2	824.9	3494.2	821.6	855.5								
- EXPORT	90.7	89.6	110.6	151.5	442.4	114.3	109.7								
TOTAL SHIPMENTS	990.3	1013.1	956.8	976.4	3936.6	935.9	965.2								
ENDING STOCK	363.2	376.9	373.6	352.7		361.2	340.2								
DOMESTIC SHIPMENTS	899.6	923.5	846.2	824.9	3494.2	821.6	855.5								
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE*	19.0	17.1	21.2	17.4	74.7	17.6	19.3								
OTHER N.C. STAPLE	4.6	4.2	5.3	3.5	17.6	7.0	7.3								
GROUPED FILAMENTS	11.0	9.5	9.6	8.7	38.8	9.5	11.8								
TOTAL IMPORTS	34.6	30.8	36.1	29.6	131.1	34.1	38.4								
TOTAL AVAILABLE	934.2	954.3	882.3	854.5	3625.3	855.7	893.9								

See footnotes on opposite page

TABLE 19:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1985	1984
					TOTAL SHIPMENTS									
MAN-MADE FIBER DATA[b]														
YARN + MONOFILAMENTS[c]														
CELLULOSIC YARN[d]	17.3	16.7	17.7	18.6	19.0	16.4	16.2						121.9	126.5
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1	27.6	28.7	24.0	26.3						202.8	217.0
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0	2.2	1.9	1.7	1.6						13.9	20.2
- CARPET	57.1	51.9	59.5	69.2	72.7	69.9	69.9						450.2	462.3
- TEXTILE	30.5	27.0	27.5	27.8	27.9	23.5	23.7						187.9	212.2
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3	26.4	25.4	21.6	21.4						171.0	184.7
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4	2.0	2.0	2.0	1.7						12.3	14.5
- TEXTILE	69.5	75.6	81.9	89.6	89.3	83.9	80.4						570.2	494.7
OLEFIN[h]	78.0	79.9	82.8	86.0	89.1	90.4	75.6						581.8	415.5
TOTAL NONCELLULOSIC ABOVE[i]	297.5	293.7	313.5	330.8	337.0	317.0	300.6						2190.1	2021.1
STAPLE + TOW + FIBERFILL[j]														
RAYON	29.0	25.0	27.7	30.0	30.5	29.6	30.4						202.2	234.6
NYLON[e]	70.5	60.6	65.0	67.9	71.2	66.7	68.2						470.1	489.8
ACRYLIC + MODACRYLIC	51.5	55.0	57.8	54.9	56.7	50.5	52.5						378.9	397.5
POLYESTER	162.4	169.5	175.4	177.4	183.8	162.2	149.4						1180.1	1266.8
OLEFIN + VINYON	21.4	23.1	23.7	24.5	26.0	23.4	20.2						162.3	138.5
TOTAL NONCELLULOSIC ABOVE	305.9	308.2	321.9	324.7	337.7	302.8	290.3						2191.4	2292.6
					END-OF-MONTH STOCK									
YARN + MONOFILAMENTS														
CELLULOSIC YARN[d]	18.2	18.2	18.9	19.2	19.2	19.4	19.9						19.9	16.2
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4	32.0	27.5	29.9	32.3						32.3	25.1
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1	6.1	5.8	5.6	6.0						6.0	5.3
- CARPET	68.0	69.5	71.1	58.2	51.9	52.9	55.5						55.5	66.4
- TEXTILE	43.1	45.0	47.7	47.5	46.6	48.2	45.7						45.7	43.8
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9	24.3	26.2	29.2	28.9						28.9	20.1
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8	2.9	3.8	2.8	3.6						3.6	4.6
- TEXTILE	79.7	81.6	81.2	80.6	71.2	74.5	80.3						80.3	88.6
OLEFIN[h]	62.0	64.3	65.9	64.7	63.3	67.2	63.8						63.8	60.2
TOTAL NONCELLULOSIC ABOVE[i]	314.9	323.1	328.1	316.3	296.3	310.3	316.1						316.1	314.1
STAPLE + TOW + FIBERFILL														
RAYON	30.3	31.3	32.4	31.1	29.5	28.1	27.5						27.5	28.1
NYLON[e]	69.7	72.4	74.1	71.1	70.2	69.1	71.0						71.0	87.0
ACRYLIC + MODACRYLIC	76.6	75.0	76.1	77.2	75.7	72.5	71.6						71.6	75.3
POLYESTER	191.8	192.6	186.9	187.6	187.7	175.7	178.5						178.5	223.7
OLEFIN + VINYON	26.1	25.1	24.1	25.5	24.3	22.9	23.9						23.9	21.7
TOTAL NONCELLULOSIC ABOVE	364.2	365.1	361.2	361.4	357.9	340.2	345.0						345.0	407.7
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	9.6	9.3	13.0	10.9	10.0								52.8	72.7
CARPET CLASS WOOL	1.2	1.1	1.7	1.1	0.9								6.0	4.7
TOTAL RAW WOOL	10.8	10.4	14.7	12.0	10.9								58.8	77.4
RAW COTTON	176.2	193.8	283.2	225.0	202.9								1081.1	1198.5

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be caculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 43 of the March 1985 issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn + monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.
j. Acetate staple + tow data are available annually only; see page 43 of the March 1985 issue.
k. Year-to-date total for 1984. Acetate yarn only.

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Textile Organon

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Textile Fiber End Use Survey

Highlights

***Textile Organon* Features:**

Annual U.S. End Use Summary . . . **Featured Page 180.**

Summary of Man-Made Fiber & Semimanufactured Imports 1978-1984 . . . **see page 182.**

U.S. Imports of Cellulosic Staple+Tow Rise 88% in July . . . **see page 199.**

Second Quarter 1985 Domestic Shipments of Nylon Yarn to the Carpet Trades Rise to 207.5 Million Pounds . . . **see page 201.**

Presented in this issue of the *Textile Organon* is the 1985 survey of textile fiber consumption by end use. Annual data are shown for the years 1978 through 1984.

The data of this end use survey supersede those of earlier surveys. As more reliable data become available, they are incorporated to provide the most current industry data obtainable.

Compared with last year's survey, there are relatively few revisions. However, it should be noted that there has been some revision of the Top & Bottomweight Fabric, Bedspread & Quilts (Item 45) and Carpets and Rugs (Item 50) end uses.

In addition, there have been significant revisions of the textile glass component of the Electrical & Reinforced Plastics (Items 66 & 77) and Miscellaneous Industrial & Other Consumer Type Products end uses.

In some cases, these revisions involved changes in the series of data from 1981 through 1983. Revisions such as these are indicated by a black circle (●). In addition, significant single year revisions are denoted by a small "r".

When the changes described above are kept in mind, the data in this survey may be used in conjunction with earlier issues of the ***Textile Organon*** as follows:

Years	*Textile Organon* Issues
1949-1955	November 1961
1956-1959	January 1966
1960-1963	January 1970
1964-1965	November 1971
1966-1967	November 1973
1968-1969	November 1975
1970	November 1976
1971-1972	November & December 1978
1973	November 1980
1974	November 1981
1975	November 1982
1976	November 1983
1977	September 1984

In this manner, a continuous statistical series covering the 36-year span from 1949 through 1984 may be obtained.

Continued on Page 179

TABLE 1: END USE SUMMARY CHANGES

END USE	TOTAL FIBER								MAN-MADE FIBER							
	MILLION POUNDS				*% OF TOTAL END USE*[a]				MILLION POUNDS				*% OF TOTAL END USE*[a]			
	78-81	1982	1983	1984	*78-81*	*1982*	*1983*	*1984*	78-81	1982	1983	1984	*78-81*	*1982*	*1983*	*1984*
APPAREL	4768	4077	4621	4373	*38*	*39*	*37*	*35*	2975	2393	2754	2509	*33*	*31*	*30*	*27*
HOME FURNISHINGS	3816	3144	3939	4076	*31*	*30*	*32*	*33*	2973	2442	3106	3226	*33*	*32*	*33*	*35*
INDUSTRIAL & OTHER CONSUMER-TYPE PROD	3319	2980	3628	3754	*27*	*28*	*29*	*30*	2872	2593	3227	3344	*31*	*34*	*35*	*36*
EXPORTS	545	336	280	279	*4*	*3*	*2*	*2*	302	215	184	191	*3*	*3*	*2*	*2*
TOTAL END USE	**12448**	**10537**	**12468**	**12482**	***100***	***100***	***100***	***100***	**9122**	**7643**	**9271**	**9270**	***100***	***100***	***100***	***100***

78-81 means the annual average for the years 1978-1981. The 1982, 1983 & 1984 data are for single years only. All data are drawn from the End Use Consumption Summary table on page 180.

a. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add to 100% vertically in each case.

Textile Organon

SEPTEMBER, 1985

A MONTHLY REVIEW

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DATAGRAM

STRONG REBOUND IN SHIPMENTS

Shipments of noncellulosic yarn, staple+tow rose dramatically in August. At the same time, inventories declined to the lowest level of this year.

- *Nylon Carpet Yarn: Shipments rose by 15%, and inventories fell by 11%.*
- *Polyester Staple+Tow: Shipments increased by 13%, as the 1.3 - 2.5 denier market jumped by 10%.*
- *Olefin+Vinyon Staple: Showed a dramatic increase in shipments for August of 36%.*

EXPORTS OF FIBER ON THE RISE

Exports of man made fiber totaled 83.6 million pounds in July, the highest monthly export level since February 1985.

For the first seven months of 1985, exports of man made fiber totaled 517.0 million pounds. This compares to the 1984 January - July level of 442.0 million pounds.

More specifics:

- *Acrylic+Modacrylic exports advanced by 200% to 17.8 million pounds in July.*
- *Nylon textured yarn exports rose by almost 41% in July.*

IMPORTS OF FIBER GROW MARGINALLY

Imports of cellulosic staple+tow in July totaled 822 thousand pounds, up 88% from the 437 thousand pounds shipped in June. The major share of these imports, 60%, came from Canada.

For the first seven months of 1985, imports of noncellulosic yarn+monofilament totaled 61.0 million pounds. This compares to the 1984 January-July imports of 56.8 million pounds.

The noncellulosic staple+tow imports rose by 7.2% to 15.7 million pounds and was the highest monthly import level for this year.

DUPONT TO CUT POLYESTER FILAMENT PRODUCTION

In the fourth quarter of 1985, Dupont will end production of polyester filament at their plant in Old Hickory, TN.

A declining market, impacted by imports is blamed for the move. About 200 jobs will be affected by this move. Other products made at the plant will not be impacted, which include polyester staple, spunbonded polyester, spunbonded polypropylene and spunlace products. (DNR 8/19/85)

AVTEX FIBERS TO EXPAND POLYPROPYLENE OPERATION

Avtex Fibers, Inc. will undertake expansion of its new fine denier polypropylene operation at Front Royal, VA, in two phases to reach capacity of about 45 million pounds by the first quarter of 1986. The capacity is geared toward the growing demand for thermal bonded fibers in the nonwoven cover stock industry.
(DNR 8/15/85)

Continued From Front Page

SURVEY FIBER COVERAGE

The objective of this survey is to measure the amount of raw fiber required to produce a particular end use item. The quantities of fiber are grouped under general listings, but specific characteristics of each listing should be noted.

The man-made fiber data are presented in two general categories. **Cellulosic**, which includes rayon and acetate, and **Noncellulosic**, which includes nylon, polyester, acrylic, olefin, saran, spandex and textile glass. Except for carpets, no separation of the data by generic type within the end uses is provided. See footnote **(b)** under General Notes on page 190 for additional descriptions. The cotton end use data cover raw cotton. Cotton waste and cotton linters poundages are excluded, except when pertaining to waste. See the section describing waste fiber coverage for further explanation.

Wool data cover both virgin and reprocessed & reused wool.

Many other fibers, such as silk, linen, jute and sisal, are used in various products covered by the survey, but no poundage data for these fibers are included in the end use tables on pages 183-189.

SURVEY WASTE FIBER COVERAGE

In the survey, textile fiber waste is handled in three different ways: First, end uses which employ waste fiber, either wholly or in part without preliminary processing, are not included (e.g., furniture stuffing, mattress felts, punched or needled felts for carpet & rug underlays, pressed wool felts and some nonwoven fabrics).

Second, for certain end uses which utilize both new fiber and the fiber derived from processed waste, the poundages shown have been calculated so as to exclude the waste component inasmuch as possible, as, for example, is the case with the cotton waste in Towels & Toweling (Item 48) and Twine (Item 73).

And third, waste which has been processed into usable spinnable fiber is included in the poundages shown for Blankets (Item 46), Carpets & Rugs (Item 50) and a number of other applications. It is important to note that in products such as these, fiber derived from waste by preliminary processing, especially for the man-made fiber poundages, is a significant and measured part of the total end use.

OUTLINE AND COVERAGE OF THE SURVEY

The data presented on pages 183-189 show the poundages of the itemized textile fibers consumed in the production of end use products in the United States.

The substantial imports of finished products, such as apparel, blankets, tablecloths and rugs, are not included in this survey as they are not manufactured in domestic mills.

The method used for estimating the end uses of man-made fibers differs from that used for the natural fibers. For man-made fibers, the data are based on producers' domestic shipments plus imports of fiber, yarn and semimanufactured products. While in the case of cotton, the data of the National Cotton Council were used extensively, and for wool, government data plus estimates from other trade sources were employed.

END USE VERSUS AVAILABLE SUPPLY

Available supply (mill consumption plus semi-manufactured imports) is compared with end use consumption table 4 on page 181. While more specific reasons which affect the correlation between these series are described in subsequent sections, some general remarks are presented below.

Cotton. End use consumption is lower than available supply for most years; the same situation pertains to the National Cotton Council's survey data. Two reasons for this are stated by the Council: a) many small end uses are not included in the survey and b) estimates of materials consumed are based on "typical" cotton yarns and fabrics, not on the actual weights of every type of yarn and fabric consumed in the various end uses.

Timing and inventory changes also play a significant role. For example, some raw cotton correctly reported as "consumed" by the Census Bureau in the calendar year 1982 was not actually incorporated into end products until 1983 because of time lags and inventory fluctuations involved in moving from raw fiber in the bale to a finished garment or other textile product. Similarly, an indeterminate amount of cotton consumed in 1983 was not embodied in finished products until 1984.

As noted, the cotton series presented in this survey are mainly those of the National Cotton Council as published in its annual survey "Cotton Counts Its Customers" (1985 and earlier editions).

Wool. Blends of wool with other fibers are common in many end uses, but little information is available on the fiber composition of these blends. Thus, relatively reliable measures are available mainly on the wool poundages used in Home Furnishings (blankets and carpets) and such Apparel items as Retail Piece Goods and Craft Yarns.

These poundages were deducted from the Available Supply in Table 3, page 181, and residual poundages were then attributed to Apparel Usage in individual apparel items from the years 1978-1984 was calculated by correlating the data of Census reports MA-23A and MQ-22T on, respectively, Apparel and Broad Woven Goods.

Man-Made Fibers. As will be seen, there is relatively good correlation between End Use Consumption and Available Supply.

TABLE 2:
U.S. END USE SUMMARY

MILLION POUNDS & PERCENT

END USE & YEAR	GRAND TOTAL			COTTON			WOOL			MAN-MADE FIBERS			MAN-MADE FIBER DETAIL									
													CELLULOSIC					NONCELL. & TEXTILE GLASS				
													TOTAL			YARN LBS	STAPLE LBS	TOTAL			YARN LBS	STAPLE LBS
	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	%[a]	%[b]			LBS	%[a]	%[b]		
APPAREL																						
1978	5023	100	39.2	1683	33.5	52.0	139	2.8	73.9	3201	63.7	34.2	307	6.1	34.5	228	79	2894	57.6	34.1	1444	1450
1979	4825	100	37.0	1696	35.2	51.3	132	2.7	76.3	2997	62.1	31.4	341	7.1	40.7	245	96	2656	55.0	30.5	1359	1297
1980	4728	100	39.0	1652	35.0	53.9	125	2.6	74.0	2951	62.4	33.5	298	6.3	39.9	222	76	2653	56.1	32.9	1306	1347
1981	4495	100	37.9	1595	35.5	54.8	148	3.3	76.3	2752	61.2	31.4	309	6.9	42.7	194	115	2443	54.3	30.4	1191	1252
1982	4077	100	38.7	1557	38.2	57.1	127	3.1	75.1	2393	58.7	31.3	211	5.2	39.9	142	69	2182	53.5	30.7	986	1196
1983	4621	100	37.1	1714	37.1	57.3	153	3.3	75.0	2754	59.6	29.7	229	5.0	39.7	154	75	2525	54.6	29.0	1210	1315
1984	4373	100	35.0	1692	38.7	56.8	172	3.9	74.1	2509	57.4	27.1	239	5.5	41.5	153	86	2270	51.9	26.1	1126	1144
HOME FURNISHINGS																						
1978	3996	100	31.2	863	21.6	26.6	36	0.9	19.2	3097	77.5	33.0	238	6.0	26.8	56	182	2859	71.5	33.7	1160	1699
1979	4092	100	31.4	848	20.7	25.6	27	0.7	15.6	3217	78.6	33.7	194	4.7	23.1	48	146	3023	73.9	34.7	1244	1779
1980	3656	100	30.2	802	22.0	25.8	26	0.7	15.4	2828	77.3	32.1	170	4.6	22.7	47	123	2658	72.7	32.9	1189	1469
1981	3522	100	29.7	744	21.1	25.6	29	0.9	14.9	2745	78.0	31.4	156	4.4	21.5	36	120	2593	73.6	32.3	1117	1476
1982	3144	100	29.8	676	21.5	24.8	26	0.9	15.4	2442	77.6	31.9	104	3.3	19.6	26	78	2338	74.3	32.9	1013	1325
1983	3939	100	31.6	801	20.3	26.8	32	0.8	15.7	3106	78.9	33.5	134	3.4	23.3	28	106	2972	75.5	34.2	1319	1653
1984	4076	100	32.7	815	20.0	27.3	35	0.9	15.1	3226	79.1	34.8	135	3.3	23.4	28	107	3091	75.8	35.6	1421	1670
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS																						
1978	3334	100	26.1	472	14.1	14.6	9	0.3	4.8	2853	85.6	30.4	301	9.0	33.9	66	235	2552	76.6	30.1	1915	637
1979	3486	100	26.8	462	13.3	14.0	8	0.2	4.6	3016	86.5	31.6	271	7.8	32.3	50	221	2745	78.7	31.6	2020	725
1980	3109	100	25.7	412	13.2	13.2	11	0.3	6.5	2686	86.5	30.4	249	8.0	33.3	40	209	2437	78.5	30.2	1805	632
1981	3348	100	28.2	404	12.1	13.9	12	0.3	6.2	2932	87.6	33.5	231	6.9	31.9	42	189	2701	80.7	33.6	2027	674
1982	2980	100	28.3	377	12.7	13.8	10	0.3	5.9	2593	87.0	33.9	195	6.5	36.9	30	165	2398	80.5	33.7	1759	639
1983	3628	100	29.1	387	10.7	12.9	14	0.4	6.9	3227	88.9	34.8	196	5.4	34.0	23	173	3031	83.5	34.9	2178	853
1984	3754	100	30.1	389	10.4	13.1	21	0.5	9.1	3344	89.1	36.1	187	5.0	32.5	28	159	3157	84.1	36.3	2234	923
EXPORTS OF DOMESTIC PRODUCTS																						
1978	449	100	3.5	220	49.0	6.8	4	0.9	2.1	225	50.1	2.4	43	9.6	4.8	22	21	182	40.5	2.1	76	106
1979	620	100	4.8	301	48.5	9.1	6	1.0	3.5	313	50.5	3.3	33	5.3	3.9	21	12	280	45.2	3.2	128	152
1980	618	100	5.1	259	42.0	8.0	7	1.0	4.1	352	57.0	4.0	31	5.1	4.1	20	11	321	51.9	4.0	141	180
1981	490	100	4.2	166	33.9	5.7	5	1.0	2.6	319	65.1	3.7	28	5.7	3.9	17	11	291	59.4	3.7	121	170
1982	336	100	3.2	115	34.2	4.3	6	1.8	3.6	215	64.0	2.9	19	5.7	3.6	12	7	196	58.3	2.7	82	114
1983	280	100	2.2	91	32.5	3.0	5	1.8	2.4	184	65.7	2.0	17	6.1	3.0	11	6	167	59.6	1.9	70	97
1984	279	100	2.2	84	30.1	2.8	4	1.4	1.7	191	68.5	2.0	15	5.4	2.6	9	6	176	63.1	2.0	73	103
TOTAL END USE																						
1978	12802	100	100	3238	25.3	100	188	1.5	100	9376	73.2	100	889	6.9	100	372	517	8487	66.3	100	4595	3892
1979	13023	100	100	3307	25.4	100	173	1.3	100	9543	73.3	100	839	6.5	100	364	475	8704	66.8	100	4751	3953
1980	12111	100	100	3125	25.8	100	169	1.4	100	8817	72.8	100	748	6.2	100	329	419	8069	66.6	100	4441	3628
1981	11855	100	100	2909	24.5	100	194	1.7	100	8752	73.8	100	724	6.1	100	289	435	8028	67.7	100	4456	3572
1982	10537	100	100	2725	25.9	100	169	1.6	100	7643	72.5	100	529	5.0	100	210	319	7114	67.5	100	3840	3274
1983	12468	100	100	2993	24.0	100	204	1.6	100	9271	74.4	100	576	4.6	100	216	360	8695	69.8	100	4777	3918
1984	12482	100	100	2980	23.9	100	232	1.8	100	9270	74.3	100	576	4.6	100	218	358	8694	69.7	100	4854	3840

[a] The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.

[b] The percentages in these columns show the usage of each type of fiber by its major end use categories. They add vertically to the 100% shown under Total End Use Consumption.

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The fluctuations of producers' domestic shipments, as well as imports, from year to year are significant. In years when there is a large increase in domestic shipments plus imports of fiber (Available Supply), it is probable that some of the increase went into mill and manufacturers' inventories rather than directly into end uses. Both warehouse inventories of yarn and staple and goods-in-process inventories would be involved. For example, it is likely that some of the large increase in the Available Supply between 1977 and 1978 was absorbed in inventories at various stages of the production process. In a period when Available Supply falls sharply (1979-1980 and 1981-1982, for instance) the movement is reversed. In a period of slower activity, mills and manufacturers reduce their warehouse inventories and work-in-process to reflect the lower level of activity.

Continued on Page 182

TABLE 3:
MILL CONSUMPTION+SEMIMANUFACTURED IMPORTS

MILLION POUNDS

	MAN-MADE FIBERS								COTTON			WOOL					AVAILABLE SUPPLY
	MILL CONSUMPTION[a]																
	CELLULOSIC			NONCELL.+GLASS FIBER													
YEAR	YARN	STAPLE[b]	TOTAL	YARN	STAPLE[b]	TOTAL	IMPORTS[c]	TOTAL	MILL CONS[a]	IMPORTS[c]	TOTAL	MILL CONS[a]	Reprocessed & Reused[d]	COTTON SYSTEM[d]	IMPORTS[c]	TOTAL	
1978	363.3	516.4	879.7	4580.8	3767.2	8348.0	169.3	9397.0	3040.4	330.7	3371.1	141.6	16.8	3.0	31.9	193.3	12961.4
1979	356.7	474.3	831.0	4740.2	3874.8	8615.0	119.1	9565.1	3066.4	249.1	3315.5	134.4	17.0	2.5	25.9	179.8	13060.4
1980	325.0	415.7	740.7	4426.0	3593.4	8019.4	111.6	8871.7	3064.4	277.8	3342.2	137.8	10.5	3.8	25.3	177.4	12391.3
1981	283.6	430.7	714.3	4484.0	3505.2	7989.2	141.1	8844.6	2730.8	374.4	3105.2	152.7	8.3	3.2	32.8	197.0	12146.8
1982	206.1	316.0	522.1	3793.3	3213.6	7006.9	143.9	7672.9	2478.9	295.0	2773.9	129.5	5.7	3.0	33.3	171.5	10618.3
1983	231.6	356.8	588.4	4637.2	3962.2	8599.4	196.1	9383.9	2795.7	388.4	3184.1	162.5	8.1	3.3	35.7	209.6	12777.6
1984	220.2	359.6	579.8	4672.4	3803.1	8475.5	242.4	9297.7	2668.2	505.4	3173.6	163.2	7.6	5.5	55.3	231.6	12702.9

NOTE: Glass fiber data include both textile and other types of glass fiber end uses (e.g., reinforced plastics)

a. Mill Consumption is taken from page 44 of the 1985 March ***Organon*** plus subsequent revisions

b. Man-Made staple includes waste

c. Imports are taken from page 45 of the March issue and comprise semi-manufactured goods; see the footnotes there

d. These poundages of reprocessed and reused wool, as well as wool consumed on the cotton spinning system, are not included in the mill consumption series for wool (see page 36 of the February 1970 *Organon*). However, they are considered here as part of the available supply of wool as shown in the table below

TABLE 4:
END USE VERSUS AVAILABLE SUPPLY

MILLION POUNDS & *PERCENT*

	1978			1979			1980			1981			1982			1983			1984		
FIBERS	AVAILABLE[a]	END USE[b]	%[c]	AVAILABLE[a]	END USE[b]	%[c]	AVAILABLE[a]	END USE[b]	%[c]	AVAILABLE[a]	END USE[b]	%[c]	AVAILABLE[a]	END USE[b]	%[c]	AVAILABLE[a]	END USE[b]	%[c]	AVAILABLE[a]	END USE[b]	%[c]
COTTON	3371	3238	*96.1*	3316	3307	*99.7*	3342	3125	*93.5*	3105	2909	*93.7*	2774	2725	*98.2*	3184	2993	*94.0*	3174	2980	*93.9*
WOOL	193	188	*97.4*	180	173	*96.1*	177	168	*94.9*	197	194	*98.5*	171	169	*98.8*	210	204	*97.1*	232	232	*100.0*
TOTAL COTTON & WOOL	**3564**	**3426**	*96.1*	**3496**	**3480**	*99.5*	**3519**	**3293**	*93.6*	**3302**	**3103**	*94.0*	**2945**	**2894**	**98.3**	**3394**	**3197**	*94.2*	**3406**	**3212**	*94.3*
CELL. - YARN[d]	373	372	*99.7*	364	364	*100.0*	329	329	*100.0*	289	289	*100.0*	212	210	*99.1*	231	216	*93.5*	220	218	*99.1*
- STAPLE[e]	532	517	*97.2*	485	475	*97.9*	421	419	*99.5*	437	435	*99.5*	322	319	*99.1*	375	360	*96.0*	360	358	*99.4*
NONCELL - YARN[d]	3713	3708	*99.9*	3833	3830	*99.9*	3607	3567	*98.9*	3575	3474	*97.2*	2983	2964	*99.4*	3590	3574	*99.6*	3594	3580	*99.6*
- STAPLE[e]	3892	3892	*100.0*	3958	3952	*99.8*	3639	3629	*99.7*	3562	3572	*100.3*	3280	3274	*99.8*	3985	3918	*98.3*	3848	3840	*99.8*
TOTAL MAN-MADE FIBER ABOVE	**8510**	**8489**	*99.8*	**8640**	**8621**	*99.8*	**7996**	**7944**	*99.3*	**7863**	**7770**	*98.8*	**6797**	**6767**	*99.6*	**8181**	**8068**	*98.6*	**8022**	**7996**	*99.7*
TEXTILE GLASS	887	887	*100.0*	922	922	*100.0*	874	874	*100.0*	982	982	*100.0*	876	876	*100.0*	1203	1203	*100.0*	1274	1274	*100.0*
TOTAL FIBERS ABOVE	**12961**	**12802**	*98.8*	**13058**	**13023**	*99.7*	**12389**	**12111**	*97.8*	**12147**	**11855**	*97.6*	**10618**	**10537**	*99.2*	**12778**	**12468**	*97.6*	**12702**	**12482**	*98.3*

a. Available means mill consumption plus the imports of semimanufactured products - from the table above

b. End Use from the summary table on page 180

c. End Use as a percentage of Available

d. Yarn includes monofilaments

e. Staple includes tow, fiberfill and waste

TABLE 5:
SUMMARY OF MAN-MADE FIBER & SEMIMANUFACTURED IMPORTS

MILLION POUNDS

ITEM	1978	1979	1980	1981	1982	1983	1984
CELLULOSIC FIBERS							
YARN	25.7	13.3	8.3	10.7	7.0	8.7	10.0
STAPLE	41.1	16.5	10.3	16.8	13.4	13.5	17.0
WASTE	0.4	0.8	0.3	0.5	0.4	0.3	0.5
NONCELLULOSIC FIBERS							
YARN - SINGLES							
NYLON - TEXTURED	4.6	1.0	3.2	3.8	4.7	5.1	18.0
- OTHER	25.0	6.1	3.6	4.0	5.5	2.2	10.8
POLYESTER - TEXTURED	6.1	1.1	0.3	0.8	0.5	7.7	8.9
- OTHER	12.7	7.6	6.7	5.4	5.3	14.8	30.2
OTHER - TEXTURED	0.7	0.1	0.2	0.5	4.4	13.7	15.7
- OTHER	1.2	1.3	1.4	1.6	1.6	2.7	2.5
MONOFILAMENTS	1.6	2.4	4.0	2.6	1.5	1.7	2.9
STRIPS, OVER $1/LB	0.3	0.4	0.2	0.2	0.3	0.5	1.0
SUBTOTAL ABOVE	**52.2**	**20.0**	**19.6**	**18.9**	**23.8**	**48.4**	**90.0**
STAPLE[a] - NYLON	7.3	3.1	2.7	25.7	19.1	46.8	61.4
- POLYESTER	8.2	3.1	1.5	7.0	7.3	23.6	30.0
- ACRYLIC	21.8	16.0	15.9	13.9	12.3	20.3	20.4
- OLEFIN	0.1	0.1	0.1	1.1	0.6	1.1	2.2
- OTHER	23.1	17.1	15.3	12.7	11.8	9.7	17.1
SUBTOTAL ABOVE	**60.5**	**39.4**	**35.5**	**60.4**	**51.1**	**101.5**	**131.1**
WASTE, NOT ADVANCED - NYLON	14.6	12.8	11.7	25.3	22.2	26.8	31.2
- POLYESTER	5.4	3.3	6.0	18.1	11.2	13.0	8.0
- ACRYLIC	3.3	2.4	2.4	2.9	0.9	0.3	0.3
- OTHER	1.5	1.6	1.0	3.0	2.5	2.7	4.0
NOILS & GARNETTED FIBERS	+	+	+	0.1	0.1	0.2	0.4
OTHER WASTE, ADVANCED	1.2	1.0	0.6	0.6	0.9	3.1	6.7
SUBTOTAL ABOVE	**26.0**	**21.1**	**21.7**	**50.0**	**37.8**	**46.1**	**50.6**
TOTAL FIBER ABOVE[b]	**205.9**	**111.1**	**95.7**	**157.3**	**133.5**	**218.5**	**299.2**
SEMIMANUFACTURES							
SLIVER, TOPS & ROVING	7.6	6.7	2.8	3.7	2.7	4.9	4.7
YARNS, THROWN OR PLIED	4.2	2.6	2.2	4.8	6.7	10.7	15.4
SPUN YARNS	45.4	25.6	22.9	23.5	26.5	39.0	46.3
SEWING THREAD & HANDWORK YARN	2.5	2.6	2.3	2.8	2.3	3.4	5.7
WOVEN FABRICS	87.8	64.6	67.3	95.4	93.3	123.2	154.9
NARROW FABRICS	9.4	9.0	8.1	8.7	10.1	12.7	12.4
KNIT FABRIC	12.4	8.0	6.0	2.2	2.3	2.2	3.0
SUBTOTAL ABOVE	**169.3**	**119.1**	**111.6**	**141.1**	**143.9**	**196.1**	**242.4**
TEXTILE GLASS FIBER	21.8	10.3	7.3	18.2	14.1	20.0	23.1
TOTAL SEMIMANUFACTURES ABOVE[c]	**191.1**	**129.4**	**118.9**	**159.3**	**158.0**	**216.1**	**265.5**
GRAND TOTAL ABOVE	**397.0**	**240.5**	**214.6**	**316.6**	**291.5**	**434.6**	**564.7**

[a] Includes grouped filaments.

[b] **SOURCE:** U.S. Bureau of the Census.

[c] **SOURCE:** *Cotton and Wool Situation*, U.S. Department of Agriculture.

For imports of fiber, the data are taken from the monthly summaries in each ***Organon.*** A listing of the commodity numbers used may be found on page 196 of this issue under the monthly import table.

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UNIT PRODUCTION VERSUS FIBER CONSUMED

This survey shows the poundage of raw fiber which had to be put into process in order to manufacture end products. No direct comparison can be, or should be, made between the poundages of the fibers consumed, as recorded in the survey, and the finished or "shelf" weight of those end products by fiber.

Two reasons to avoid direct comparison are:

1. The variation in the weight per square yard of fabric made of the different fibers for the same end use. According to recent data collected by the U.S. Census Bureau, cotton fabrics averaged 7.0 square yards per pound and wool 0.6 square yards per pound. But for man made fiber, 100% filament yarn fabrics averaged 4.4 square yards per pound and spun yarn fabrics averaged 3.3 square yards per pound.

2. From these data, it is apparent that the "covering power" of fabrics made from the various fibers varies greatly. Hence, a simple comparison of poundages of fibers consumed would be misleading both because of the differences in fibers concerning covering power and the difference in typical fabric weights of products made of the various fibers, as described.

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TABLE 6a:
APPAREL[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL APPAREL	1978	5023.0	3201.2	227.6	79.0	1444.1	1450.5	1683.1	138.7
	1979	4825.5	2997.3	244.8	96.4	1358.7	1297.4	1696.2	132.0
	1980	4728.3	2951.0	222.2	76.2	1306.2	1346.4	1651.9	125.4
	1981	4495.0	2751.5	194.3	115.0	1190.8	1251.4	1595.0	148.5
	1982	r 4077.5	r 2393.0	141.9	68.8	986.2	r 1196.1	r 1557.1	127.4
	1983	r 4671.6	r 2804.3	153.9	74.9	1210.3	r 1365.2	r 1714.3	153.0
	1984	4371.8	2509.8	153.5	86.1	1126.5	1143.7	1691.3	170.7
40 SHEER HOSIERY (W)*	1978	60.9	60.9	--	--	60.9	--	--	--
	1979	66.1	66.1	--	--	66.1	--	--	--
	1980	70.7	67.8	--	--	67.8	--	2.9	--
	1981	76.4	69.9	--	--	69.9	--	6.5	--
	1982	r 71.6	68.5	--	--	68.5	--	r 3.1	--
	1983	r 80.7	77.2	--	--	77.2	--	r 3.5	--
	1984	86.0	82.6	--	--	82.6	--	3.4	--
19, 41 ANKLETS & SOCKS (MW)*	1978	178.5	136.3	--	0.3	56.0	80.0	40.2	2.0
	1979	167.1	131.4	--	0.5	52.7	78.2	33.2	2.5
	1980	186.4	151.9	--	0.5	56.9	94.5	32.1	2.4
	1981	190.8	149.1	--	0.7	60.3	88.1	38.9	2.8
	1982	r 172.9	r 139.8	--	0.4	51.7	r 87.7	30.6	2.5
	1983	r 195.2	r 152.6	--	0.5	65.0	r 87.1	r 39.6	3.0
	1984	180.1	131.5	--	0.5	59.5	71.5	45.2	3.4
8, 29 SWEATERS & RELATED ACCESSORIES (MW)*	1978	145.4	126.2	--	0.7	10.1	115.4	7.5	11.7
	1979	124.8	103.9	--	0.7	10.2	93.0	6.6	14.3
	1980	137.3	115.8	--	0.7	12.6	103.1	7.9	13.6
	1981	140.0	113.8	--	0.6	0.9	112.3	10.1	16.1
	1982	r 119.5	92.7	--	1.0	1.4	90.3	r 11.8	15.0
	1983	r 141.6	104.8	--	1.2	0.4	103.2	r 18.8	18.0
	1984	158.1	113.7	--	1.2	0.5	112.0	24.4	20.0
57 CRAFT & HANDWORK YARNS*	1978	130.8	125.0	--	1.7	c	123.3	3.8	2.0
	1979	129.0	121.1	--	0.9	c	120.2	3.7	4.2
	1980	126.0	118.7	c	0.2	c	118.5	3.3	4.0
	1981	100.6	92.9	--	0.7	c	92.2	3.0	4.7
	1982	r 100.2	91.9	--	0.6	--	91.3	r 3.8	4.5
	1983	r 106.0	97.4	--	0.1	--	97.3	r 3.9	4.7
	1984	90.8	82.1	--	0.8	--	81.3	3.4	5.3
16-18 UNDERWEAR & NIGHTWEAR (M)*	1978	254.7	74.6	--	0.3	14.6	59.7	179.1	1.0
	1979	257.6	86.3	--	0.8	21.3	64.2	170.3	1.0
	1980	250.9	104.0	--	0.8	26.2	77.0	145.9	1.0
	1981	225.5	84.9	--	1.1	20.9	62.9	139.4	1.2
	1982	r 226.0	79.6	--	--	16.3	63.3	r 145.4	1.0
	1983	r 255.6	96.8	--	--	14.5	82.3	r 157.8	1.0
SILK	1984	247.7	90.5	--	--	9.9	80.6	156.2	1.0
35-39 UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS (W)*	1978	258.7	190.3	14.7	3.2	141.7	30.7	67.4	1.0
	1979	240.8	184.1	18.7	2.1	137.5	25.8	55.7	1.0
	1980	209.9	169.0	19.7	0.6	117.0	31.7	39.9	1.0
	1981	202.4	162.0	18.3	c	111.0	32.7	39.2	1.2
	1982	r 176.7	136.1	10.9	--	89.4	35.8	r 39.6	1.0
	1983	r 196.9	153.0	12.5	--	105.0	35.5	r 42.9	1.0
SILK	1984	180.3	130.7	8.6	--	99.9	22.2	48.6	1.0
10, 31 ROBES & LOUNGEWEAR (MW)*	1978	133.0	111.1	70.3	c	33.7	7.1	19.9	2.0
	1979	134.2	110.8	60.5	0.9	36.2	13.2	20.9	2.5
	1980	145.7	126.3	63.0	0.4	38.0	24.9	17.0	2.4
	1981	119.3	102.5	44.6	0.2	33.5	24.2	14.0	2.8
	1982	r 84.3	67.4	34.5	--	23.7	9.2	r 14.6	2.3
	1983	r 92.8	74.8	39.0	--	22.9	12.9	r 15.4	2.6
SILK	1984	99.2	79.6	41.5	--	23.7	14.4	16.7	2.9

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a. For all lettered and general footnotes to this table and the Home Furnishings and Industrial & Other Consumer-Type Products tables, please see page 190.

TABLE 6b:
APPAREL[a] *(Continued)*

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
54a HIGH PILE FABRICS	1978	115.7	115.7		--	10.5	105.2	--	--
	1979	103.0	103.0	c	0.4	13.5	89.1	--	--
	1980	100.4	100.4	--	0.1	14.3	86.0	--	--
	1981	78.6	78.6	--	0.3	13.1	65.2	--	--
	1982	64.1	64.1	--	--	7.0	57.1	--	--
	1983	73.8	73.8	--	0.6	15.5	57.7	--	--
	1984	61.4	61.4	--	0.3	9.7	51.4	--	--
54b FABRICS FOR LINING*	1978	218.7	150.1	92.3	6.6	23.8	27.4	65.6	3.0
	1979	206.7	146.4	86.8	8.7	24.0	26.9	57.8	2.5
	1980	182.6	123.6	78.0	7.5	17.0	21.1	56.6	2.4
	1981	199.0	144.7	92.7	3.4	19.2	29.4	51.5	2.8
	1982	r 146.6	100.6	70.1	1.0	15.7	13.8	r 43.5	2.5
	1983	r 144.8	99.7	66.7	1.0	24.0	8.0	r 42.2	2.9
	1984	152.4	109.6	79.8	1.9	21.7	6.2	39.6	3.2
43 APPAREL LACE (W)*	1978	10.0	8.5	3.7	--	4.8	--	1.5	--
	1979	6.8	5.3	1.7	--	3.6	--	1.5	--
	1980	6.7	5.2	--	--	5.2	--	1.5	--
	1981	8.0	6.5	--	--	6.5	--	1.5	--
	1982	8.7	7.2	--	--	7.2	--	1.5	--
	1983	8.4	6.9	--	--	6.9	--	1.5	--
	1984	5.5	4.0	--	--	4.0	--	1.5	--
55 RETAIL PIECE GOODS*	1978	405.5	291.0	5.0	5.0	161.0	120.0	110.5	4.0
	1979	348.0	250.0	4.0	4.0	121.0	121.0	94.0	4.0
	1980	316.7	230.0	3.0	3.0	102.0	122.0	83.7	3.0
	1981	310.5	229.5	2.5	2.0	97.0	128.0	77.4	3.6
	1982	288.8	217.3	3.5	1.8	83.0	129.0	68.3	3.2
	1983	r 282.0	210.6	3.0	1.5	81.1	125.0	r 68.2	3.2
	1984	246.4	175.3	2.9	1.4	70.0	101.0	67.5	3.6
56a NARROW FABRICS*	1978	54.9	29.9	5.6	0.2	16.0	8.1	25.0	--
	1979	48.4	25.4	5.1	0.4	13.1	6.8	23.0	--
	1980	52.8	29.6	7.5	0.3	17.2	4.6	23.2	--
	1981	46.6	21.6	5.2	--	14.0	2.4	25.0	--
	1982	40.8	17.8	0.9	--	15.3	1.6	23.0	--
	1983	49.7	24.7	1.7	--	20.8	2.2	25.0	--
	1984	47.9	21.8	0.7	--	19.0	2.1	26.1	--
TOPWEIGHT FABRICS*	1978	1041.3	689.0	24.0	42.0	263.0	360.0	349.8	2.5
	1979	1048.6	686.0	42.0	49.0	265.0	330.0	360.1	2.5
	1980	1008.7	633.0	32.0	41.0	250.0	310.0	373.3	2.4
	1981	936.5	558.0	20.0	70.0	188.0	280.0	375.7	2.8
	1982	r 874.2	456.0	14.0	40.0	122.0	280.0	r 416.1	2.1
	1983	r 1023.8	587.0	23.0	40.0	174.0	350.0	r 433.8	3.0
	1984	909.9	460.0	17.0	45.0	143.0	255.0	446.5	3.4
BOTTOMWEIGHT FABRICS*	1978	1931.8	1088.0	12.0	19.0	647.0	410.0	734.3	109.5
	1979	1860.3	966.0	26.0	28.0	592.0	320.0	796.8	97.5
	1980	1860.6	970.0	19.0	21.0	580.0	350.0	797.4	93.2
	1981	1788.0	926.0	11.0	31.0	554.0	330.0	751.5	110.5
	1982	r 1653.0	844.0	8.0	21.0	482.0	333.0	r 715.7	93.3
	1983	r 1976.7	1038.0	8.0	30.0	600.0	400.0	825.1	113.6
	1984	1856.3	960.0	3.0	35.0	580.0	342.0	769.4	126.9
OTHER APPAREL & ACCESSORIES (MW)*	1978	83.1	4.6	--	c	1.0	3.6	78.5	c
	1979	84.1	11.5	--	c	2.5	9.0	72.6	c
	1980	72.9	5.7	--	0.7	2.0	3.0	67.2	c
	1981	72.8	11.5	--	5.0	2.5	4.0	61.3	c
	1982	r 50.1	10.0	--	3.0	3.0	4.0	r 40.1	c
	1983	r 43.6	7.0	--	--	3.0	4.0	r 36.6	c
SILK, LINEN	1984	49.8	7.0	--	--	3.0	4.0	42.8	c

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook.***

TABLE 7a:
HOME FURNISHINGS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL HOME FURNISHINGS	1978	**3995.7**	**3097.4**	**56.3**	**182.1**	**1160.2**	**1698.8**	**863.0**	**35.3**
	1979	**4091.7**	**3216.8**	**48.1**	**146.3**	**1244.0**	**1778.4**	**848.0**	**26.9**
	1980	**3656.0**	**2828.3**	**47.3**	**122.4**	**1189.2**	**1469.4**	**801.9**	**25.8**
	1981	**3522.2**	**2749.0**	**35.7**	**119.5**	**1117.3**	**1476.5**	**744.5**	**28.7**
GLASS 1978 1984	1982	**r 3144.7**	**r 2442.9**	**26.0**	**r 78.4**	**1013.3**	**1325.2**	**r 675.8**	**26.0**
16.5 15.4 12.5	1983	**r 3939.7**	**r 3107.0**	**27.7**	**r 106.9**	**r 1319.2**	**1653.2**	**r 800.7**	**32.0**
12.7 8.8 13.7 14.5	1984	**4075.9**	**3225.3**	**27.5**	**106.8**	**1421.2**	**1669.8**	**814.9**	**35.7**
45 BEDSPREADS & QUILTS*	1978	138.2	74.5	3.5	6.0	25.0	40.0	63.7	--
	1979	137.3	76.5	3.0	3.0	23.5	47.0	60.8	--
	1980	128.2	73.0	5.4	2.1	15.5	50.0	55.2	--
	1981	132.3	82.6	4.9	3.1	15.7	58.9	49.7	--
	1982	123.3	76.7	3.8	2.4	14.0	56.5	46.6	--
	1983	r 139.5	91.4	6.0	6.2	16.0	63.2	r 48.1	--
	1984	129.3	81.2	4.0	6.0	15.2	56.0	48.1	--
46 BLANKETS & BLANKETING*	1978	129.2	114.7	0.1	2.0	4.7	107.9	8.5	6.0
	1979	112.1	100.3	0.1	2.0	4.1	94.1	7.3	4.5
	1980	109.1	97.2	--	2.0	3.5	91.7	7.9	4.0
	1981	90.5	78.9	--	0.9	3.5	74.5	7.1	4.5
	1982	79.2	68.0	--	c	2.5	65.5	7.2	4.0
	1983	r 72.6	57.2	--	c	1.0	56.2	r 10.9	4.5
	1984	67.0	50.9	--	0.2	1.0	49.7	11.1	5.0
47 SHEETS & OTHER BEDDING*	1978	506.8	237.4	2.4	13.6	18.1	203.3	269.4	--
	1979	508.5	254.1	3.0	9.0	22.2	219.9	254.4	--
	1980	507.9	263.6	2.3	9.4	25.9	226.2	244.1	--
	1981	512.1	299.5	2.6	13.8	34.0	249.1	212.6	--
	1982	424.5	243.4	3.9	10.6	43.2	185.7	181.1	--
	1983	r 511.7	299.3	0.5	11.6	79.6	207.6	r 212.4	--
LINEN	1984	516.8	300.0	0.5	15.0	75.7	208.8	216.8	--
48 TOWELS & TOWELING*	1978	308.2	27.9	--	0.5	--	27.4	280.3	--
	1979	334.3	34.3	--	0.5	c	33.8	300.0	--
	1980	328.5	35.3	--	0.9	c	34.4	293.2	--
	1981	326.7	32.6	--	0.9	0.3	31.4	294.1	--
	1982	306.6	28.7	--	0.6	0.8	27.3	277.9	--
	1983	r 378.9	36.0	--	0.3	1.7	34.0	r 342.9	--
LINEN RAMIE	1984	361.5	30.3	--	0.7	0.6	29.0	331.2	--
56b NARROW FABRICS*	1978	7.2	2.5	1.4	--	0.8	0.3	4.7	--
	1979	6.2	1.9	0.6	--	0.9	0.4	4.3	--
	1980	5.3	1.4	0.2	0.1	0.6	0.5	3.9	--
	1981	6.1	2.3	--	--	0.9	1.4	3.8	--
	1982	5.0	1.8	--	--	0.4	1.4	3.2	--
	1983	5.8	2.1	--	--	0.3	1.8	3.7	--
	1984	4.3	0.5	--	--	c	0.5	3.8	--

a. For all lettered and general footnotes to this table and the Home Furnishings and Industrial & Other Consumer-Type Products tables, please see pages 191

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LIMITATIONS OF THE SURVEY RESULTS

The statistical results of an end use survey can be only approximations at best. But when the data are viewed as one fiber relative to another, and not as absolute values, then they may be regarded as measuring the long-term trend results of competition between the fibers.

An additional note, the data are given in millions of pounds and include one decimal place to show hundred thousand pounds. This device is employed not to show great accuracy, but rather to take into account some small poundages of fibers in such end uses as Apparel Lace (Item 43) and still allow the compilation to add arithmetically.

TABLE 7b:
HOME FURNISHINGS° (Continued)

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS°					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
50 TOTAL CARPETS & RUGS°	1978	2178.1	2149.1	—	0.9	970.4	1177.8	15.8	13.2
	1979	2270.7	2243.2	—	0.6	1038.5	1204.1	16.6	10.9
	1980	1926.0	1900.7	—	0.7	1001.8	898.7	14.9	10.4
STEEL	1981	1837.5	1814.0	—	0.3	918.4	895.3	12.0	11.5
SEE DETAIL IN	1982	r 1711.0	1690.1	—	0.7	834.2	855.2	r 10.4	10.5
ITEMS 50a & b	1983	r 2204.1	2179.9	—	0.6	1064.6	1114.7	r 11.3	12.9
FOLLOWING	1984	2287.7	2258.4	—	0.7	1162.1	1095.6	14.9	14.4
50a FACE YARNS°	1978	1938.1	1921.7	—	0.9	756.7	1164.1	3.2	13.2
	1979	2009.0	1994.4	—	0.6	817.8	1176.0	3.7	10.9
	1980	1683.1	1672.7	—	0.2	804.0	868.5	3.0	10.4
	1981	1603.6	1586.9	—	0.3	723.1	863.5	5.2	11.5
NON ADD	1982	r 148[illegible]	1470.9	—	0.7	649.5	820.7	r 4.8	10.5
SEE DETAIL	1983	r 19[illegible]	r 1941.1	—	r 0.6	865.8	1074.7	r 6.9	12.9
IN FOOTNOTE	1984	19[illegible]	1954.5	—	0.7	934.3	1019.5	7.6	14.4
50b BACKING°	1978	24[illegible]	227.4	—	—	213.7	13.7	12.6	—
	1979	26[illegible]	248.8	—	—	220.7	28.1	12.9	—
	1980	239.9	228.0	—	—	197.8	30.2	11.9	—
	1981	23[illegible]	227.1	—	—	195.3	31.8	6.8	—
GLASS JUTE PAPER	1982	r 224.[illegible]	219.2	—	—	184.7	34.5	r 5.6	—
NON ADD	1983	r 243.2	238.8	—	—	198.8	40.0	r 4.4	—
SEE ITEM 50	1984	311.2	303.9	—	—	227.8	76.1	7.3	—
51 CURTAINS°	1978	88.7	78.2	3.8	19.1	25.5	29.8	10.5	—
ALSO SEE ITEM 52	1979	72.9	62.3	1.4	10.6	23.7	26.6	10.6	—
	1980	89.5	80.1	4.0	7.5	28.4	40.2	9.4	—
	1981	82.2	73.4	5.6	6.8	25.2	35.8	8.8	—
GLASS 1978 1984	1982	61.3	53.3	1.3	5.3	18.3	28.4	8.0	—
[illegible]	1983	r 77.1	r 68.6	1.2	10.4	r 25.5	31.5	8.5	—
[illegible]	1984	100.8	91.2	1.0	9.8	33.1	47.3	9.6	—
52 DRAPERY & UPHOLSTERY°	1978	587.2	390.3	42.5	138.0	103.4	106.4	180.8	16.1
	1979	575.8	398.5	37.5	115.0	112.6	133.4	165.8	11.5
	1980	487.9	328.8	34.1	94.4	94.7	105.6	147.7	11.4
SILK LINEN BURLAP	1981	468.0	322.7	21.4	91.4	103.5	106.4	132.6	12.7
GLASS 1978 1984	1982	376.5	245.2	15.9	57.7	79.4	92.2	119.8	11.5
[illegible]	1983	r 469.8	315.3	17.7	76.9	104.3	116.4	r 139.9	14.6
[illegible]	1984	500.0	327.8	19.3	73.4	87.3	147.[illegible]	155.9	16.3
OTHER HOME FURNISHINGS°	1978	52.1	22.8	2.6	2.0	12.3	5.9	29.3	—
	1979	73.9	45.7	2.5	5.6	18.5	19.1	28.2	—
	1980	73.[illegible]	48.0	1.3	5.8	18.8	22.1	25.6	—
LINEN	1981	66.8	43.0	1.2	2.3	15.8	23.7	23.8	—
GLASS 1978 1984	1982	57.3	35.7	1.1	1.1	20.5	13.0	21.6	—
[illegible]	1983	r 80.2	57.2	2.3	0.9	26.2	27.8	r 23.0	—
[illegible]	1984	108.5	85.0	2.7	1.0	46.2	35.1	23.5	—

Noncellulosic yarn includes textile glass.

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

TABLE 8a:
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[a]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL INDUSTRIAL & OTHER CONSUMER	**1978**	**3334.2**	**2853.4**	**66.7**	**234.8**	**1914.8**	**637.1**	**471.8**	**9.0**
	1979	**3485.7**	**3015.6**	**50.4**	**220.5**	**2019.7**	**725.0**	**461.6**	**8.5**
	1980	**3109.1**	**2686.1**	**39.8**	**209.2**	**1804.8**	**632.3**	**412.3**	**10.7**
GLASS: 1978-1984 [illegible]	**1981**	**3347.5**	**2931.8**	**41.4**	**188.8**	**2027.6**	**674.0**	**403.9**	**11.8**
[illegible]	**1982**	**r 2980.6**	**2593.2**	**30.1**	**165.2**	**1759.4**	**638.5**	**r 377.1**	**10.3**
[illegible]	**1983**	**r 3629.8**	**3228.5**	**22.5**	**173.3**	**r 2177.4**	**855.3**	**r 387.3**	**14.0**
[illegible]	**1984**	**3754.3**	**3344.4**	**27.9**	**159.4**	**2234.4**	**922.7**	**388.9**	**21.0**
56c NARROW FABRICS[a]	1978	95.1	77.8	0.3	0.5	76.7	0.3	17.3	—
	1979	95.2	79.5	0.2	c	79.0	0.3	15.7	—
	1980	86.7	71.9	1.0	—	68.1	2.8	14.8	—
	1981	91.5	77.8	3.4	—	74.0	0.4	13.7	—
	1982	87.4	74.9	3.1	—	70.5	1.3	12.5	—
	1983	100.8	88.8	1.0	—	86.6	1.2	12.0	—
SILK, LINEN	1984	110.9	98.1	0.9	—	96.9	0.3	12.8	—
61 MEDICAL, SURGICAL & SANITARY[a]	1978	325.3	230.0	—	165.0	23.5	41.5	95.3	—
	1979	359.0	259.9	—	155.0	24.5	80.4	99.1	—
	1980	343.3	253.2	—	141.7	31.6	79.9	90.1	—
	1981	336.2	248.5	—	122.1	38.1	88.3	87.7	—
	1982	324.8	234.6	—	106.2	39.9	88.5	90.2	—
	1983	r 339.2	250.3	—	114.3	46.5	89.5	r 88.9	—
	1984	333.2	241.6	—	116.1	54.0	71.5	91.6	—
63-64 TRANSPORTATION FABRIC[a]	1978	66.4	45.4	2.9	6.5	16.4	19.6	21.0	—
	1979	59.0	42.5	0.6	2.9	18.8	20.2	16.5	—
	1980	48.5	37.8	—	1.1	16.5	20.2	10.7	—
	1981	62.6	52.8	—	0.5	22.2	30.1	9.8	—
	1982	47.6	38.7	—	1.4	22.8	14.5	8.9	—
	1983	r 63.6	53.5	—	0.6	32.3	20.6	r 10.1	—
	1984	73.1	61.4	—	1.1	36.5	23.8	11.7	—
65 TIRES[a]	1978	595.5	589.6	37.0	—	552.6	—	5.9	—
	1979	572.1	565.9	25.7	—	540.2	—	6.2	—
	1980	418.4	413.0	20.5	—	392.5	—	5.4	—
STEEL - SEE FOOTNOTE	1981	428.8	424.1	18.9	—	405.2	—	4.7	—
GLASS: 1978-1984	1982	359.1	355.2	12.5	—	342.7	—	3.9	—
[illegible]	1983	360.0	356.0	11.0	—	345.0	—	4.0	—
[illegible]	1984	393.8	389.6	14.0	—	375.6	—	4.2	—
66 HOSE[a]	1978	48.5	43.5	16.0	—	18.5	9.0	5.0	—
	1979	52.5	47.2	15.5	—	19.9	11.8	5.3	—
	1980	43.2	38.7	11.9	—	18.3	8.5	4.5	—
	1981	47.3	42.9	11.5	—	21.7	9.7	4.4	—
	1982	28.8	26.3	7.0	—	15.5	3.8	2.5	—
	1983	r 27.7	r 24.8	6.5	—	r 15.7	2.6	r 2.9	—
LINEN	1984	32.9	30.1	8.0	—	19.5	2.6	2.8	—
67 BELTING[a]	1978	70.8	57.4	2.0	0.2	37.1	18.1	13.4	—
	1979	91.6	75.9	1.7	0.2	44.7	29.3	15.7	—
	1980	62.4	50.5	1.0	0.7	34.5	14.3	11.9	—
	1981	66.6	54.1	2.4	1.0	37.7	13.0	12.5	—
GLASS: 1978-1984	1982	r 48.3	37.8	1.8	0.5	26.7	8.8	r 10.5	—
[illegible]	1983	r 54.0	44.5	1.9	—	28.0	14.6	r 9.5	—
[illegible]	1984	60.1	50.7	3.0	—	31.4	16.3	9.4	—
69, 77 ELECTRICAL & REINFORCED PLASTICS[a]	1978	645.2	620.2	c	—	620.0	0.2	25.0	—
	1979	679.6	654.6	0.2	—	654.2	0.2	25.0	—
	1980	593.4	568.4	—	—	568.4	c	25.0	—
SILK, LINEN, JUTE	1981	613.4	588.4	c	—	588.3	0.1	25.0	—
GLASS: 1978-1984	1982	486.8	461.8	—	—	461.8	c	25.0	—
[illegible]	1983	662.6	637.6	—	—	637.6	c	25.0	—
[illegible]	1984	735.3	710.3	0.2	—	710.1	c	25.0	—
70 FELTS[a]	1978	25.3	15.8	—	6.1	2.3	7.4	1.5	8.0
	1979	26.5	17.6	—	5.3	5.2	7.1	1.4	7.5
	1980	28.1	17.0	—	3.4	4.8	8.8	1.4	9.7
	1981	27.0	14.8	—	4.0	5.2	5.6	1.4	10.8
	1982	20.2	9.6	—	—	4.6	5.0	1.3	9.3
	1983	27.0	12.7	—	3.5	3.9	5.3	1.3	13.0
	1984	34.9	13.5	—	3.5	4.0	6.0	1.4	20.0

a. For all lettered and general footnotes to this table, please see page 192

TABLE 8b:
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS*
(Continued)

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS*					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
71 FILTRATION* CIGARETTE FILTRATION	1978	44.6	38.5	—	4.4	8.8	25.3	6.1	—
	1979	46.0	40.8	—	3.3	10.5	27.0	5.2	—
	1980	47.8	42.2	—	4.0	8.4	29.8	5.6	—
	1981	39.6	34.0	—	4.1	10.1	19.8	5.6	—
GLASS: 1978-1984	1982	35.9	30.9	—	3.7	9.6	17.6	5.0	—
[illegible]	1983	39.2	34.0	—	1.3	8.8	23.9	5.2	—
[illegible]	1984	39.3	34.5	—	3.3	9.8	21.4	4.8	—
72 SEWING THREAD*	1978	116.6	61.4	0.2	4.3	42.2	14.7	55.2	—
	1979	111.3	62.6	0.1	3.7	45.7	13.1	48.7	—
	1980	111.9	64.7	ε	5.6	46.2	12.9	47.2	—
	1981	135.2	73.7	ε	8.0	49.5	16.2	61.5	—
	1982	r114.2	60.6	ε	7.1	40.0	13.5	r53.6	—
	1983	r133.7	76.3	ε	7.6	50.0	18.7	r57.4	—
SILK, LINEN	1984	123.5	72.2	ε	5.2	51.1	15.9	51.3	—
73 ROPE, CORDAGE FISHLINE, ETC.*	1978	171.5	140.1	2.0	1.0	126.4	10.7	31.4	—
	1979	183.8	154.1	1.0	2.1	147.1	3.9	29.7	—
	1980	161.7	134.6	0.8	0.9	130.6	2.3	27.1	—
	1981	172.4	148.2	1.8	0.7	137.4	8.3	24.2	—
	1982	162.5	139.3	1.0	0.8	126.6	10.9	23.2	—
SISAL, LINEN	1983	r175.4	152.2	0.8	0.6	138.3	12.5	r23.2	—
JUTE, SILK	1984	192.5	170.9	1.0	0.3	157.1	12.5	21.6	—
74 BAGS & BAGGING*	1978	51.8	44.5	—	—	44.5	—	7.3	—
	1979	62.2	55.0	—	—	53.6	1.4	7.2	—
	1980	67.2	60.4	—	—	60.4	—	6.8	—
	1981	68.2	61.6	—	—	61.6	—	6.6	—
	1982	68.8	62.6	—	—	62.6	—	6.2	—
	1983	r75.1	r69.5	—	—	67.5	r2.0	5.6	—
JUTE	1984	46.6	41.3	—	—	40.5	0.8	5.3	—
75 COATED & PROTECTIVE FABRICS*	1978	170.3	107.4	—	10.6	36.8	60.0	62.9	—
	1979	167.3	113.8	0.1	10.2	40.9	62.6	53.5	—
	1980	175.7	124.2	0.5	10.5	33.3	79.9	51.5	—
	1981	173.0	124.7	—	10.4	33.1	81.2	48.3	—
GLASS: 1978-1984	1982	164.7	120.4	—	7.1	42.3	71.0	44.3	—
[illegible]	1983	r231.7	181.9	—	10.6	50.2	121.1	r49.8	—
[illegible]	1984	255.0	198.2	—	10.5	59.0	128.7	56.8	—
76 PAPER & TAPE REINFORCING*	1978	52.0	45.4	1.5	3.0	40.4	0.5	6.6	—
	1979	46.7	41.6	1.2	ε	40.0	0.4	5.1	—
	1980	40.7	36.2	1.3	ε	34.7	0.2	4.5	—
JUTE	1981	41.8	38.0	ε	0.9	36.6	0.5	3.8	—
GLASS: 1978-1984	1982	36.1	33.1	ε	0.9	29.9	2.3	3.0	—
[illegible]	1983	39.2	35.8	ε	0.4	34.1	1.3	3.4	—
[illegible]	1984	47.1	43.4	0.3	0.4	38.7	4.0	3.7	—
79a FIBERFILL STUFFING & FLOCK*	1978	268.1	268.1	—	4.8	—	263.3	—	—
	1979	311.2	311.2	—	5.5	—	305.7	—	—
	1980	254.9	254.9	—	6.3	—	248.6	—	—
	1981	293.5	293.5	—	10.7	—	282.8	—	—
	1982	277.2	277.2	—	7.2	—	270.0	—	—
	1983	331.7	331.7	—	7.4	—	324.3	—	—
	1984	321.4	321.4	—	4.1	—	317.3	—	—
79b UNALLOCATED NONWOVENS*	1978	96.7	96.7	—	10.9	—	85.8	—	—
	1979	120.0	120.0	—	14.8	—	105.2	—	—
	1980	95.4	95.4	—	14.1	—	81.3	—	—
	1981	81.6	81.6	—	12.0	—	69.6	—	—
	1982	90.4	90.4	—	9.2	—	81.2	—	—
	1983	136.6	136.6	—	6.9	—	129.7	—	—
	1984	189.2	189.2	—	3.0	—	186.2	—	—
MISCELLANEOUS INDUSTRIAL & CONSUMER-TYPE PRODUCTS*	1978	490.5	371.6	4.8	17.5	268.6	80.7	117.9	1.0
	1979	501.7	373.4	4.1	17.5	295.4	56.4	127.3	1.0
	1980	529.8	423.0	2.8	20.9	356.5	42.8	105.8	1.0
	1981	668.8	573.1	3.4	14.4	506.9	48.4	94.7	1.0
GLASS: 1978-1984	1982	r627.8	539.8	4.7	21.1	463.9	50.1	r87.0	1.0
[illegible]	1983	r832.3	742.3	1.3	20.1	632.9	88.0	r89.0	1.0
[illegible]	1984	765.5	678.0	0.5	11.9	550.2	115.4	86.5	1.0

Noncellulosic yarn includes fiber glass.

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

TABLE 9:
EXPORTS OF DOMESTIC PRODUCTS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL EXPORTS OF DOMESTIC PRODUCTS	**1978**	**448.8**	**225.2**	**22.0**	**21.5**	**76.0**	**105.7**	**219.8**	**3.8**
	1979	**620.4**	**313.4**	**21.0**	**12.0**	**128.6**	**151.8**	**301.3**	**5.7**
	1980	**617.5**	**351.8**	**20.0**	**10.8**	**141.0**	**180.0**	**259.3**	**6.4**
	1981	**489.9**	**318.6**	**17.2**	**10.3**	**121.0**	**170.1**	**165.8**	**5.5**
	1982	**r338.7**	**r217.5**	**11.7**	**6.9**	**82.5**	**r116.4**	**114.9**	**6.3**
	1983	**r281.6**	**r185.9**	**11.0**	**6.0**	**70.0**	**r98.9**	**90.6**	**5.1**
	1984	**279.6**	**190.9**	**9.4**	**6.1**	**73.0**	**102.4**	**84.5**	**4.1**
80. YARN, THREAD, ETC.	1978	72.3	37.7	e	3.5	e	34.2	32.0	2.6
	1979	94.2	55.8	e	4.0	e	51.8	34.2	4.2
	1980	105.1	53.3	e	3.3	e	50.0	47.0	4.8
	1981	103.9	62.2	e	3.9	e	58.3	38.1	3.6
	1982	r77.7	r42.7	e	2.5	e	r40.2	30.1	4.9
	1983	r72.5	r37.3	e	2.0	e	r35.3	31.2	4.0
	1984	61.0	38.3	e	2.6	e	35.7	20.0	2.7
81. WOVEN & KNIT FABRIC	1978	376.5	187.5	22.0	18.0	76.0	71.5	187.8	1.2
	1979	526.2	257.6	21.0	8.0	128.6	100.0	267.1	1.5
	1980	512.4	298.5	20.0	7.5	141.0	130.0	212.3	1.6
	1981	386.0	256.4	17.2	6.4	121.0	111.8	127.7	1.9
	1982	261.0	174.8	11.7	4.4	82.5	76.2	84.8	1.4
	1983	209.1	148.6	11.0	4.0	70.0	63.6	59.4	1.1
	1984	218.5	152.6	9.4	3.5	73.0	66.7	64.5	1.4
82. TIRE CORD & CORD FABRIC	1978	INCLUDED IN TIRES (END USE 65)							
	1979								
	1980								
	1981								
	1982								
	1983								
	1984								

[a] For all lettered and general footnotes to this table, please see page 190.

NOTES FOR EXPORT ITEMS ABOVE

For all lettered and general footnotes to this table, see page 190.

These exports do not duplicate the end use poundages that are reported in Items 1 through 79. Apparel items are not tabulated here because they already have been counted as the fabric was cut, i.e., they are counted only once regardless of the subsequent place of sale or consumer use.

Similarly, fabrics for blankets, sheets, upholstery & draperies, carpets, etc., are excluded since they are measured at the mill level as an end use.

The exports of man made fiber filament yarn+monofilaments, staple, tow, etc., are not tabulated in this section because these products are not a factor in U.S. mill consumption.

On the other hand, the two export items are recorded because, while they were processed or fabricated in U.S. mills, they were exported before reaching the point at which end use is measured.

These data agree with the corresponding figures on page 45 of the March 1985 ***Organon***, as revised.

80. YARN, THREAD, ETC: Consists of sliver, tops & roving; plied, thrown and spun yarn; sewing thread and handwork yarns; cotton twine and cordage; and advanced wool.

81. WOVEN & KNIT FABRIC: Consists of broad & narrow woven fabrics and knit cloth, except that cotton also includes table damask and tire cord & fabric. See footnote g on page 45 of the March 1985 ***Organon***.

82. TIRE CORD & CORD FABRIC: Data shown in this series in previous ***Organon*** issues have been incorporated into Item 65, Tires. See footnote 65 on page 187.

GENERAL NOTES FOR END USE TABLES
ON PAGES 183-189

Units are in million pounds.

-- Means that little, or none, of the fiber is used.

* When an asterisk appears, there is a footnote at the end of the table.

● Means a significant revision in the 1978-1984 data series compared with the corresponding data shown in the September 1984 ***Organon*** issue. Earlier years' data on the new basis are not available.

a. This letter in the title of each table refers the reader to these notes.

b. Man made fiber end use in these tables is divided between Cellulosic (rayon+acetate fibers) and Noncellulosic (nylon, polyester, acrylic, olefin, saran, spandex and textile glass fiber). Yarn includes monofilaments and olefin "yarn" also includes film fiber and spunbonded polypropylene. Staple includes tow & fiberfill; see Item 79a, Fiberfill, Stuffing & Flock and its footnote on page 188. All textile glass fiber is tabulated as yarn. Certain waste poundages, which are tabulated with staple, are included; see text on page 179.

The noncellulosic fibers included in this survey, for one or more years, are the acrylic, aramid, modacrylic, nylon, olefin (polyethylene & polypropylene), polyester, saran, spandex and vinyon fibers.

c. Means less than 50,000 pounds, i.e., nominal.

d. The staple data are tabulated in the yarn column.

e. The yarn data are tabulated in the staple column.

r. This datum shows a significant revision compared with the September 1984 ***Organon*** data.

When textile glass fiber is included in an end use, the word "Glass" appears in the lower left corner of the end use box, together with the annual consumption data for 1978-1984. These glass fiber poundages are included with noncellulosic yarn in that end use and in the section totals.

When silk, linen, jute, sisal, etc., are consumed in an end use, in addition to cotton, wool and the man made fibers, the fiber is named in the middle left of the end use box, but no poundage data for such fibers are included in either such end use or in the section totals.

As described in the footnotes to Items 54a and 54b above, apparel linings, pockets and such are tabulated in Items 54a and 54b and not with the applicable garments.

In the Apparel table, the sex and age classifications used are those of the U.S. Census Bureau. Thus **M** means Men's plus Boys' and **W** means all other persons, i.e., Women's, Misses', Juniors', Girls', Children's & Infants'.

NOTES FOR APPAREL ITEMS
PAGES 183-184.

For all lettered and general footnotes to this table, see notes above.

40. SHEER HOSIERY: includes pantyhose, stockings, body stockings, leotards & tights, sheer knee highs & anklets and support hose.

19, 41. ANKLETS & SOCKS: include footsocks, anklets, half hose, over the calf hosiery and nonsheer knee highs for all ages and both sexes. Also includes infants' and children's waist highs.

8, 29. SWEATERS (MW): Knitted sweater shirts, coats, jackets and related accessories. Also note Item 57.

57. CRAFT & HANDWORK YARNS: Yarn and thread for crocheting, darning, embroidery, mending, hand knitting, etc. Does not include sewing thread (Item 72). Olefin yarn for macramé is in Miscellaneous Industrial.

16-18. UNDERWEAR & NIGHTWEAR (M): Undershirts, shorts & briefs, sleep coats, pajamas, nightshirts, thermal underwear, etc.

35-39. UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS: Underwear and nightwear component includes full and half slips, panties, pettipants, camisoles, vests, briefs and thermal underwear as well as nightgowns, sleep & lounging pajamas, sleep coats, peignoir & robe sets with nightgowns or pajamas, negligees and bedjackets. Also includes bodywear and all children's and infants' underwear & nightwear. **Excludes** the trim, elastic webbing, apparel lace, braid or narrow fabric used in these products.

The bras and foundations include corsets, girdles, combinations and one piece garments, garter belts, hose supporters, two way stretch and surgical & maternity foundation garments.

10, 31. ROBES & LOUNGEWEAR (MW): Men's & boys' beach & bathrobes, dressing gowns and smoking jackets; and women's beach & bathrobes and housecoats.

54a. HIGH PILE FABRICS: include all applications. End uses such as coatings, collar trims, linings, backings and paint rollers are included. Napped or brushed fabrics such as fleeces, velvets or corduroys are excluded.

54b. FABRICS FOR LINING: All man made fiber types except high pile fabrics (Item 54a), lining type fabrics sold as retail piece goods (see Item 55) and the lining components of shoes & slippers and luggage and handbags (Miscellaneous Other ConsumerType). The apparel lining component of this series includes main linings, interlinings, zip in linings (except pile), linings for pockets and waistbands as well as the acetate and nylon tricot used for laminating. Cotton drapery linings are not included here but are in Item 52. Also not included are interlinings of haircloth, urethane and nonwoven fabrics.

43. APPAREL LACE: Nets and veilings.

55. RETAIL PIECE GOODS: Mainly women's apparel type fabrics but all other types of apparel fabrics are included in addition to fabrics destined for apparel linings and home furnishings application.

56a. NARROW FABRICS: ELASTIC AND NONELASTIC TYPES. The "narrow woven goods" made by slicing thermoplastic fiber broad woven fabrics with a hot knife to produce fused edge narrow fabrics are not included here. **NARROW FABRIC** poundages for home furnishings and industrial uses are shown in those sections.

TOPWEIGHT FABRICS: All shirts, blouses, lightweight dress and other lightweight fabrics. The fabrics generally weigh 5.0 ounces or less per square yard. Retail piece goods are in Item 55.

BOTTOMWEIGHT FABRICS: Pants, sportswear, tailored clothing, career apparel and other heavier weight fabrics. The fabrics generally weigh more than 5.0 ounces per square yard. Retail piece goods are in Item 55.

OTHER APPAREL: Men's & women's work gloves and handkerchiefs. Man made fiber used for knitted accessories such as scarves, mufflers, gloves, caps, etc., is in Items 8 & 29.

NOTES FOR HOME FURNISHING ITEMS
PAGES 185-186

For all lettered and general footnotes to this table, see page 190.

HOME FURNISHINGS: Data cover the use of each item not only in homes, but also in offices, hotels, institutions, etc. For certain transportation uses, note Items 50a, 63 & 64.

None of the poundages tabulated include any cotton stuffing or filling materials in items such as furniture, pillows, mattresses, comforters & quilts, sleeping bags, seat padding, etc. For the man-made fibers, however, stuffing & fiberfill is tabulated in the Industrial section. Note text page 179 regarding the inclusion of certain man-made fiber waste poundages here. Certain felt poundages are in Item 70.

45. BEDSPREADS: Tailored & throw spreads, both tufted & woven, as well as the backing. **QUILTS:** Comforters and their outer shell; quilted pads are in Item 47.

46. BLANKETS & BLANKETING: Woven, knitted, needle punched and flocked full-size and crib blankets and electric blanket shells, as well as the woven acetate or nylon filament yarn bindings thereof. Sizable poundages of rayon, acrylic, nylon & wool waste are included here.

47. SHEETS: Pillowcases. **OTHER BEDDING:** Outside cover of quilted pads, mattress pads, mattresses & innersprings, civilian cots and sleeping bags. Mattress felts are in Item 70. The man-made staple poundages here are mainly polyester for sheets and rayon & polyester for bed ticking. The man-made filament is chiefly polyester for bed ticking.

48. TOWELS & TOWELING: Woven hand, bath, dish towels, etc. Nonwoven towels, such as "Handi-wipes" and industrial wiping cloths, are in Item 61. The large cotton waste poundage used in these products is not included.

56b. NARROW FABRICS: Only home furnishings applications. See the Apparel and Industrial sections for Narrow Fabrics in those applications.

50. CARPETS & RUGS FACE FIBER (TOTAL): Sum of 50a & 50b.

50a. FACE YARNS: Tufted, woven, knitted and needle punched types. Tufted includes broadloom & roll goods, transportation carpeting, scatter rugs, bath mats and "grass." Woven includes carpets such as Axminster, Velvet, Wilton, etc. Knit goods are mainly scatter rugs. Needle punched are the indoor-outdoor carpets. Item 50a does not include braided, hooked or woven twisted paper carpets.

50b. CARPET BACKING FIBERS: The Cellulosic Yarn is industrial rayon used for woven carpet chain warps. The Other Yarn is olefin (monofil+film fiber+spunbonded) and small poundages of nylon & polyester filament yarn. The Other Staple is olefin only.

The substantial poundages of jute used as woven primary & secondary carpet backing, as well as the jute yarn used in the warp of woven carpets, are not tabulated in Item 50b. Nor does it include the poundages of wool, hair and jute used in carpet and rug pads and cushions.

51. CURTAINS: Lace and other types (principally woven), i.e., cafe, tiered & cottage; ruffled; shortie drapes and tailored. Shower curtains are in Other Home Furnishings.

52. DRAPERY & UPHOLSTERY: Furniture slipcovers and vinyl coated cotton fabrics for upholstery. The olefin & saran webbing for outdoor furniture is included under Narrow Woven Industrial (Item 56c). Also includes the backing & headers of drapery fabrics. The cotton data include cotton drapery linings.

OTHER HOME FURNISHINGS: Woven & lace napery, such as tablecloths & napkins, doilies, etc., as well as the cotton in window shades. For the man-made fibers, it includes insect screening & netting. Wall covering fabric is in Miscellaneous Industrial.

NOTES FOR INDUSTRIAL & OTHER CONSUMER-TYPE ITEMS
PAGES 187-188

For all lettered and general footnotes to this table, see page 190.

56c. NARROW FABRICS: Woven labels, industrial webbing, shoelaces, tapes (venetian blinds & industrial), transportation seat belts, auto windlace, channeling & trim, and outdoor furniture webs. These figures exclude transmission & conveyor belting (in Item 67), friction tape and the braided narrow fabric used in electrical applications (in Item 69); and gummed cotton tape (in Item 76).

61. MEDICAL, SURGICAL & SANITARY: Bandages, gauzes, adhesive tapes & plasters, sanitary napkins & tampons, cotton diapers, rayon disposable diapers, surgical gowns and packs. Medical sutures are tabulated in Item 72. Surgical hosiery is in Items 19 & 40. Not included here is cotton waste & linters nor any nontextiles used for filling materials.

63 & 64. TRANSPORTATION FABRIC: Auto seat upholstery & slipcovers, sidewall, headlining (except textile glass in Item 77) and sheeting. The cotton poundages include the knit and woven fabric used as the backing for vinyl sheeting. The item includes convertible auto tops & replacements thereof, as well as upholstery used in other kinds of transportation, such as airplanes, railroad & subway cars, buses, etc. It does not include seat padding, transportation rugs (in Item 50), window channeling (in Item 56c), flocking, tassels, trim, etc., or the textile glass fiber used in reinforced plastic seating for subways, buses, etc. (in Item 77). Starting in 1978, the man made fiber used for substrates for automotive fabric is included in Item 75.

65. TIRES: All types, i.e., automobile, truck, tractor, off-road, bicycle, etc. The data include tire cord & tire cord fabric, chafer and other tire components, i.e., flipper fabric, breaker strips, bead wraps, etc.

The data include imports of tire yarn, cord & fabric and also cover any poundages subsequently exported in cord or fabric form. The glass figures represent uncoated yarns.

The consumption of steel tire cord for the years 1978-1984 inclusive is estimated as follows: 182.0, 180.0, 142.0, 154.3, 159.8, 219.2 & 300.3. However, these poundages are **not included** in Item 65 above.

66. HOSE: Fire, chemical, fuel, etc. Does not include braided vacuum cleaner hose.

67. BELTING: Includes flat conveyor & transmission belts (both rubberized and nonrubberized) and V belts.

69 & 77. ELECTRICAL APPLICATIONS & REINFORCED PLASTICS: The cotton poundages are estimated.

Electrical Applications: Electric wire insulation & covering of all kinds plus friction tape and cable wrap, stuffing & identification. The total fiber consumed does not reflect the increased use of plastic and other nonfibrous coatings, of course.

Reinforced Plastics: High- and low-pressure laminates used in the manufacture of construction materials (corrugated & flat sheet, plumbing accessories, etc.), process equipment (tanks & containers, pipes, ducts, etc.), transportation uses (aircraft, autos, trucks, etc.) and marine, missiles, molded electrical parts, housing, seating, trays, etc. Flexible laminates of cotton are tabulated by end use, e.g., vinyl supported upholstery fabric in Item 63, etc.

70. FELTS: Wet & dry papermakers' felts, mattress felts and cushioning & wicking felts. Apparel felts (e.g., for shirts) are classified by apparel products. Patio and similar "felts" are in Item 50a. Laundry press pads and flatwork ironer pads are in Miscellaneous Industrial. The wool poundage includes some felts used in filtration (recorded here and not in Item 71), but excludes the substantial amounts used in pressed felts.

71. FILTRATION: Woven and nonwoven filters for wet & dry filtration, including tea bags. The small wool poundage used in the copper refining industry is included in Item 70.

The fiber used in cigarette filtration is **not included** in this end use or in the Industrial Uses totals.

72. SEWING THREAD: Home sewing and industrial & weight goods, as well as medical sutures.

73. ROPE (Braided & twisted), **CORDAGE** (under 3/16"), **FISHLINE, ETC.:** Includes hawsers, baler or harvest twine, clothesline, tying twine, etc., as well as fishnets, seines & netting twine.

74. BAGS & BAGGING: Man made Other Yarn is nylon mailbags plus olefin leno mesh & close woven bags including sandbags; also includes olefin bagging for wool bales. Carpet backing bale wrap is in Other Industrial.

75. COATED & PROTECTIVE FABRICS: For the man made fibers, tents & tarpaulins, as well as the substrates for vinyl, rubber or urethane coating, lamination or impregnation. Examples of specific end uses covered include parachutes, deceleration chutes & tow targets, awnings, beach, garden & tractor umbrellas, inflatable dunnage & cushions, air supported structures & automotive air spring diaphragms and boat & pool covers.

The cotton poundages include awnings, boat covers, tarpaulins and tents. **Not included** here are the cotton poundages used for vinyl substrates; such poundages are tabulated with their appropriate end use, i.e., transportation upholstery (Items 63 & 64), upholstery (Item 52), etc. Man made fiber surfaces for recreational fields are not included in this survey.

76. PAPER & TAPE REINFORCING: Gummed and pressure sensitive tape, as well as nonwoven bonded structures for paper, tape and ribbon reinforcing.

79a. FIBERFILL, STUFFING & FLOCK: All applications (apparel, home furnishings & industrial). Both graded fiber and waste are included. The consumption of polyester staple & tow in fiberfill for the years 1978-1984 inclusive was: 199.2, 240.8, 206.1, 228.3, 229.3, 276.5 & 277.7. For the same years, use of polyester waste for stuffing and filling materials was: 41.5, 45.4, 24.0, 20.7, 24.1 & 30.4.

79b. UNALLOCATED NONWOVENS: All nonwoven poundages remaining after the identifiable nonwoven end uses, such as medical, surgical & sanitary, filtration, coated & protective fabrics, and paper & tape reinforcing, have been calculated.

MISCELLANEOUS INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS: The cotton for abrasives, book binding, luggage & handbags, shoes & slippers, tobacco cloth, woven wiping cloths and wall covering fabrics. For rayon, it includes asbestos carrier fiber, laundry supplies and mop yarns. For olefin yarn, it includes agricultural cloth, bale wrap, cable binding, civil engineering fabrics and macrame and other craft yarns.

Also included under Other Yarn are the substantial poundages of textile glass fiber not allocated elsewhere, particularly the poundages used in the manufacture of roofing shingles, built up roofing and wallboard & plaster.

TABLE 10:
TEXTILE MILL CONSUMPTION
MAIN END USES FOR SEVEN EEC COUNTRIES[a]

MILLION POUNDS & *PERCENT*

END USES & YEAR	GRAND TOTAL			COTTON			WOOL			MAN-MADE FIBERS[d]			MAN-MADE FIBER DETAIL (Except glass fiber)									
													RAYON+ACETATE					NON-CELLULOSIC				
													TOTAL			YARN LBS	STAPLE LBS	TOTAL			YARN LBS	STAPLE LBS
	LBS	%[b]	%[c]	LBS	%[b]	%[c]	LBS	%[b]	%[c]	LBS	%[b]	%[c]	LBS	%[b]	%[c]			LBS	%[b]	%[c]		
APPAREL																						
1977	3801	*100*	*50.5*	936	*24.6*	*45.7*	645	*17.0*	*70.5*	2220	*58.4*	*48.7*	422	*11.1*	*36.5*	172	250	1798	*47.3*	*52.8*	754	1044
1978	3972	*100*	*50.7*	933	*23.5*	*45.6*	642	*16.1*	*69.9*	2397	*60.4*	*49.2*	416	*10.5*	*36.7*	188	228	1981	*49.9*	*53.0*	814	1167
1979	4256	*100*	*52.0*	1046	*24.6*	*50.0*	675	*15.9*	*70.0*	2535	*59.5*	*49.5*	479	*11.2*	*39.3*	211	268	2056	*48.3*	*52.6*	812	1244
1980	3753	*100*	*50.4*	1020	*27.2*	*51.1*	670	*17.9*	*70.0*	2063	*54.9*	*45.9*	406	*10.8*	*37.8*	192	214	1657	*44.1*	*48.5*	679	978
1981	3542	*100*	*49.3*	897	*25.3*	*49.1*	636	*18.0*	*69.8*	2009	*56.7*	*45.1*	329	*9.3*	*33.4*	164	165	1680	*47.4*	*48.5*	691	989
1982	3453	*100*	*49.4*	999	*28.9*	*51.3*	580	*16.8*	*69.5*	1874	*54.3*	*44.7*	298	*8.6*	*32.3*	145	153	1576	*45.7*	*48.1*	645	931
CARPETS																						
1977	935	*100*	*12.4*	19	*2.0*	*1.0*	164	*17.5*	*17.9*	752	*80.5*	*16.5*	38	*4.1*	*3.3*	-	38	714	*76.4*	*21.0*	273	441
1978	992	*100*	*12.6*	19	*1.9*	*1.0*	168	*16.9*	*18.3*	805	*81.2*	*16.5*	34	*3.5*	*3.0*	-	34	771	*77.7*	*20.6*	273	498
1979	993	*100*	*12.1*	15	*1.5*	*0.7*	177	*17.8*	*18.4*	801	*80.7*	*15.6*	29	*2.9*	*2.4*	-	29	772	*77.8*	*19.8*	279	493
1980	947	*100*	*12.7*	19	*2.0*	*0.9*	173	*18.3*	*18.1*	755	*79.7*	*16.8*	22	*2.3*	*2.0*	-	22	733	*77.4*	*21.5*	274	459
1981	943	*100*	*13.1*	19	*2.0*	*1.0*	167	*17.7*	*18.4*	757	*80.3*	*17.0*	18	*1.9*	*1.8*	-	18	739	*78.4*	*21.3*	283	456
1982	879	*100*	*12.6*	16	*1.8*	*0.8*	155	*17.7*	*18.6*	708	*80.5*	*16.9*	15	*1.7*	*1.6*	-	15	693	*78.8*	*21.2*	272	421
OTHER HOME FURNISHINGS																						
1977	1641	*100*	*21.8*	721	*43.9*	*35.2*	74	*4.5*	*8.1*	846	*51.6*	*18.5*	331	*20.2*	*28.7*	38	293	515	*31.4*	*15.1*	133	382
1978	1675	*100*	*21.4*	733	*43.8*	*35.7*	77	*4.6*	*8.4*	865	*51.6*	*17.7*	293	*17.5*	*25.8*	38	255	572	*34.1*	*15.3*	145	427
1979	1668	*100*	*20.4*	683	*40.9*	*32.6*	85	*5.1*	*8.8*	900	*54.0*	*17.6*	304	*18.3*	*25.0*	37	267	596	*35.7*	*15.3*	155	441
1980	1561	*100*	*21.0*	644	*41.3*	*32.3*	89	*5.7*	*9.3*	828	*53.0*	*18.4*	273	*17.5*	*25.4*	32	241	555	*35.5*	*16.2*	124	431
1981	1562	*100*	*21.7*	642	*41.1*	*35.1*	85	*5.4*	*9.3*	835	*53.5*	*18.8*	267	*17.1*	*27.1*	28	239	568	*36.4*	*16.4*	119	449
1982	1519	*100*	*21.8*	656	*43.2*	*33.6*	81	*5.3*	*9.7*	782	*51.5*	*18.6*	243	*16.0*	*26.3*	25	218	539	*35.5*	*16.5*	116	423
TIRES																						
1977	223	*100*	*3.0*	7	*3.1*	*0.3*	-	-	-	216	*96.9*	*4.7*	150	*67.3*	*13.0*	150	-	66	*29.6*	*1.9*	66	-
1978	199	*100*	*2.5*	6	*3.0*	*0.3*	-	-	-	193	*97.0*	*4.0*	137	*68.8*	*12.0*	137	-	56	*28.2*	*1.5*	56	-
1979	193	*100*	*2.4*	4	*2.1*	*0.2*	-	-	-	189	*97.9*	*3.7*	137	*71.0*	*11.2*	137	-	52	*26.9*	*1.3*	52	-
1980	182	*100*	*2.4*	4	*2.2*	*0.2*		-	-	178	*97.8*	*4.0*	122	*67.0*	*11.4*	122	-	56	*30.8*	*1.6*	56	-
1981	158	*100*	*2.2*	3	*1.9*	*0.2*	-	-	-	155	*98.1*	*3.5*	108	*68.4*	*11.0*	108	-	47	*29.7*	*1.4*	47	-
1982	141	*100*	*2.0*	2	*1.4*	*0.1*	-	-	-	139	*98.6*	*3.3*	96	*68.1*	*10.4*	96	-	43	*30.5*	*1.3*	43	-
OTHER INDUSTRIAL USES																						
1977	924	*100*	*12.3*	364	*39.4*	*17.8*	32	*3.5*	*3.5*	528	*57.1*	*11.6*	214	*23.1*	*18.5*	26	188[e]	314	*34.0*	*9.2*	197	117
1978	1001	*100*	*12.8*	355	*35.5*	*17.4*	31	*3.1*	*3.4*	615	*61.4*	*12.6*	255	*25.5*	*22.5*	21	234[e]	360	*35.9*	*9.6*	212	148
1979	1071	*100*	*13.1*	345	*32.2*	*16.5*	27	*2.5*	*2.8*	699	*65.3*	*13.6*	269	*25.1*	*22.1*	24	245[e]	430	*40.2*	*11.0*	245	185
1980	1004	*100*	*13.5*	309	*30.8*	*15.5*	25	*2.5*	*2.6*	670	*66.7*	*14.9*	252	*25.1*	*23.4*	21	231[e]	418	*41.6*	*12.2*	232	186
1981	982	*100*	*13.7*	266	*27.1*	*14.6*	23	*2.3*	*2.5*	693	*70.6*	*15.6*	263	*26.8*	*26.7*	17	246[e]	430	*43.8*	*12.4*	239	191
1982	990	*100*	*14.2*	277	*28.0*	*14.2*	19	*1.9*	*2.2*	694	*70.1*	*16.5*	271	*27.4*	*29.4*	15	256[e]	423	*42.7*	*12.9*	244	179
TOTAL END-USE CONSUMPTION																						
1977	7524	*100*	*100*	2047	*27.2*	*100*	915	*12.2*	*100*	4562	*60.6*	*100*	1155	*15.3*	*100*	386	769	3407	*45.3*	*100*	1423	1984
1978	7839	*100*	*100*	2046	*26.0*	*100*	918	*11.8*	*100*	4875	*62.2*	*100*	1135	*14.5*	*100*	384	751	3740	*47.7*	*100*	1500	2240
1979	8181	*100*	*100*	2093	*25.6*	*100*	964	*11.8*	*100*	5124	*62.6*	*100*	1218	*14.9*	*100*	409	809	3906	*47.7*	*100*	1543	2363
1980	7447	*100*	*100*	1996	*26.8*	*100*	957	*12.9*	*100*	4494	*60.3*	*100*	1075	*14.4*	*100*	367	708	3419	*45.9*	*100*	1365	2054
1981	7187	*100*	*100*	1827	*25.4*	*100*	911	*12.7*	*100*	4449	*61.9*	*100*	985	*13.7*	*100*	317	668	3464	*48.2*	*100*	1379	2085
1982	6982	*100*	*100*	1950	*27.9*	*100*	835	*12.0*	*100*	4197	*60.1*	*100*	923	*13.2*	*100*	281	642	3274	*46.9*	*100*	1320	1954

SOURCE: Comité International de la Rayonne et des Fibres Synthetiques, Paris, France

a. Belgium, France, Italy, Luxembourg, Netherlands, West Germany and the United Kingdom.

b. The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.

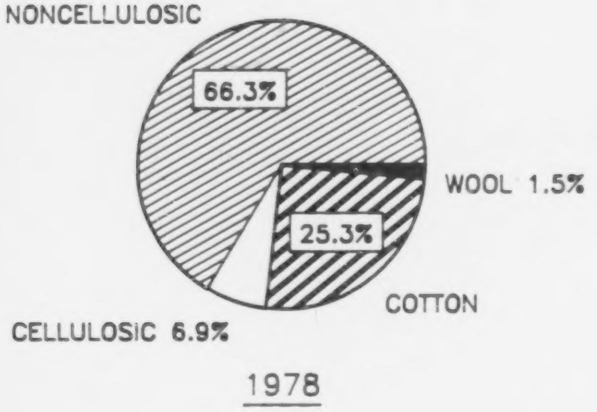
c. The percentages in these columns show the share of each fiber in the various end uses. They add vertically to the 100% shown under Total End Use Consumption columns.

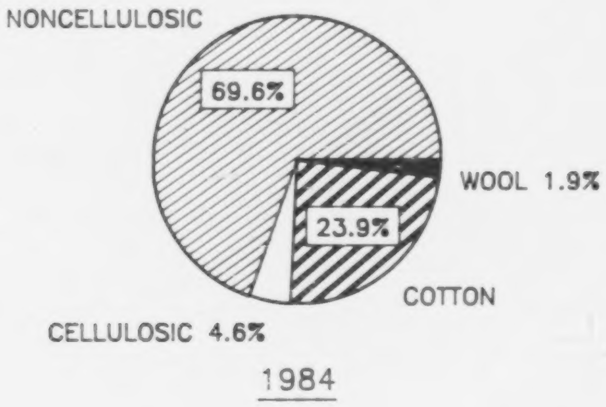
d. Excludes olefin film fiber and textile glass fiber.

e. Includes acetate tow for cigarette filters.

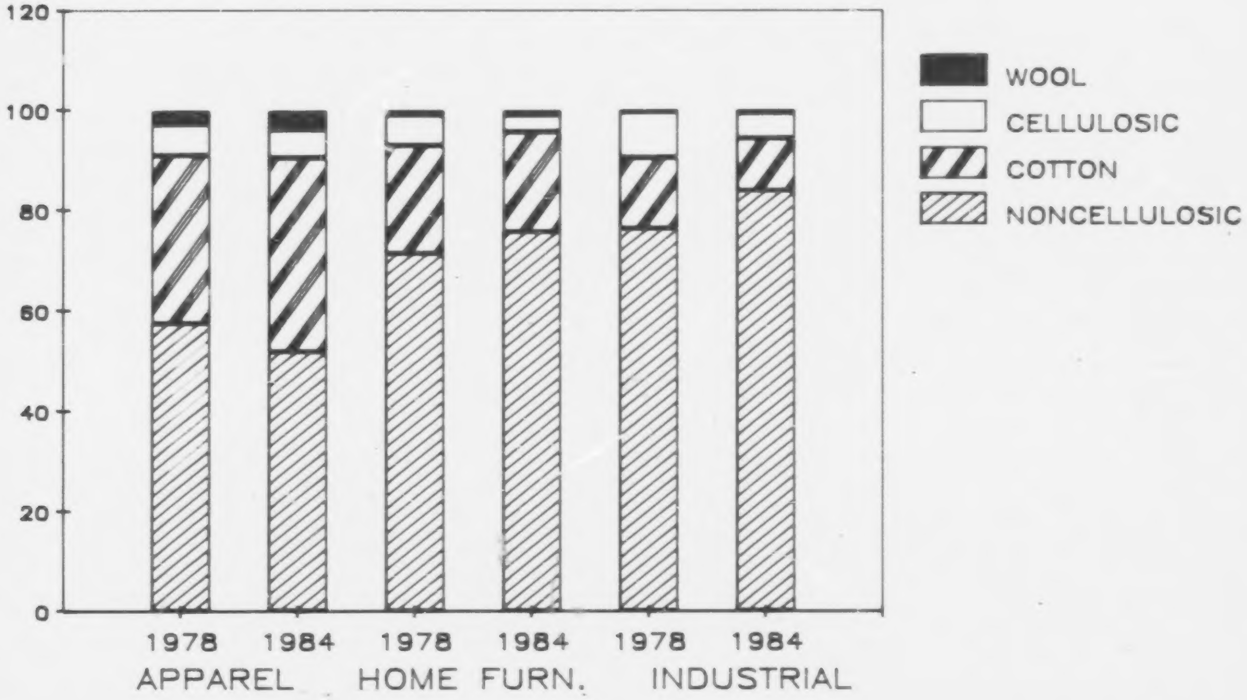
GRAPH 1: PERCENT SHARE OF U.S. END USE SUMMARY

TOTAL END USE BY FIBER



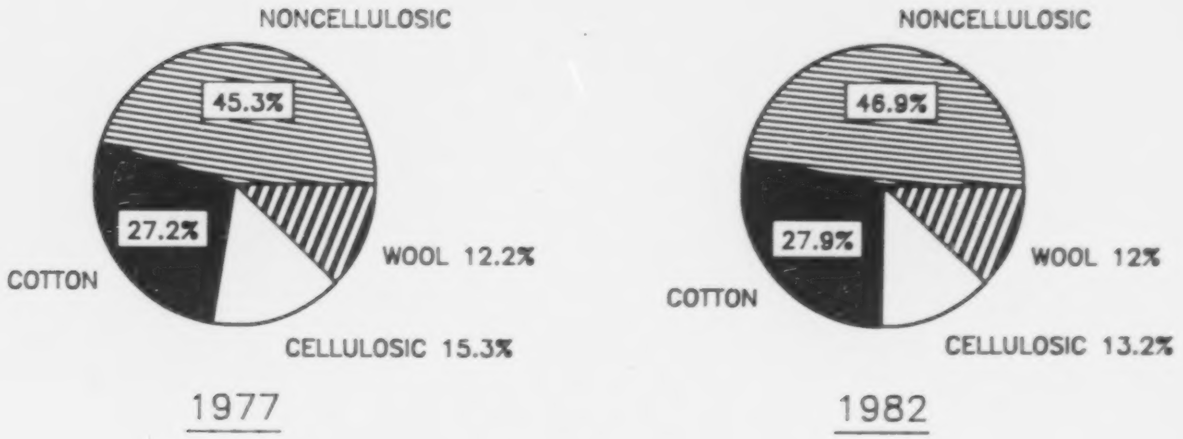


TOTAL END USE BY SEGMENT & FIBER

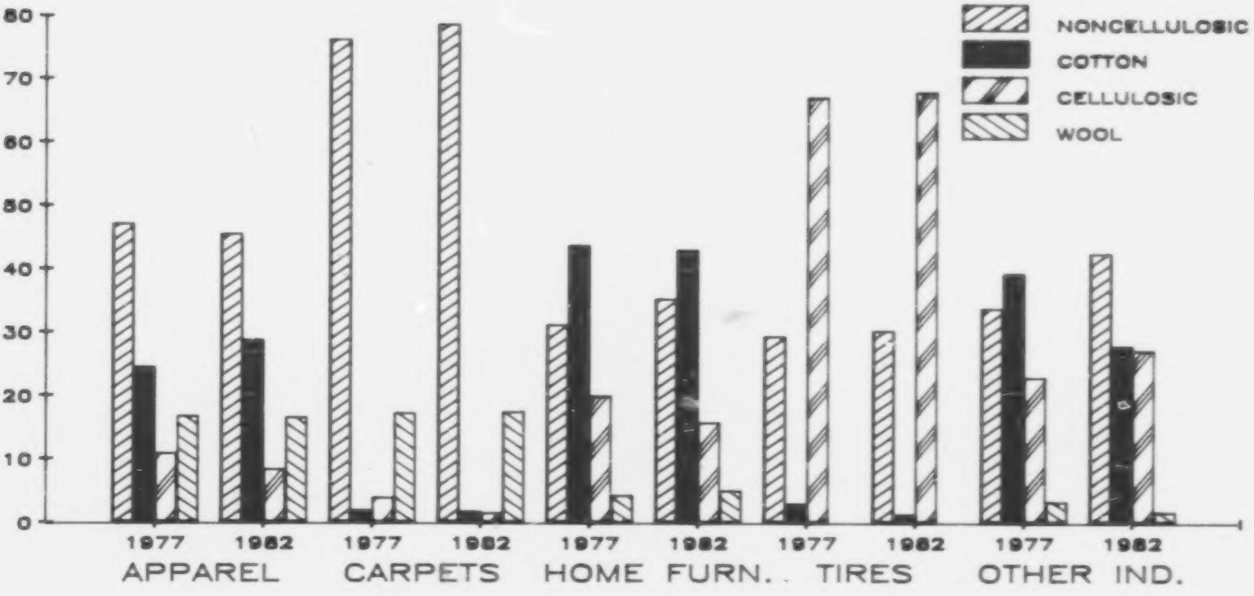


GRAPH 2: PERCENT SHARE OF TEXTILE MILL CONSUMPTION IN SEVEN EEC COUNTRIES

TOTAL END USE BY FIBER



TOTAL END USE BY SEGMENT & FIBER



MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose in July as the net export balance of trade rose to 53.4 million pounds, up from the 46.2 million pound export balance in June.

Falling imports and rising exports caused the increase in the trade balance. Imports of fiber totaled 30.2 million pounds, down slightly from June's level of 30.5 million pounds. Exports of fiber in July totaled 83.6 million pounds, up 9% from the 76.7 million pounds in June.

The July trade balance is 227% above that of July 1984. This month's exports are almost 50% higher than last July's level, while imports are down 24% below the July 1984 level.

JULY DETAIL

The net export trade balance in noncellulosic yarn+monofilaments fell almost 6% in July to 21.0 million pounds, while the net export trade balance in noncellulosic staple+tow rose over 62% to 28.0 million pounds.

The noncellulosic staple+tow balance of trade increased in July as imports rose by 7% and exports increased by 9%.

The balance of trade for noncellulosic yarn+monofilaments declined in July as a result of declining exports and imports. Exports fell by 7% and imports declined by almost 8%.

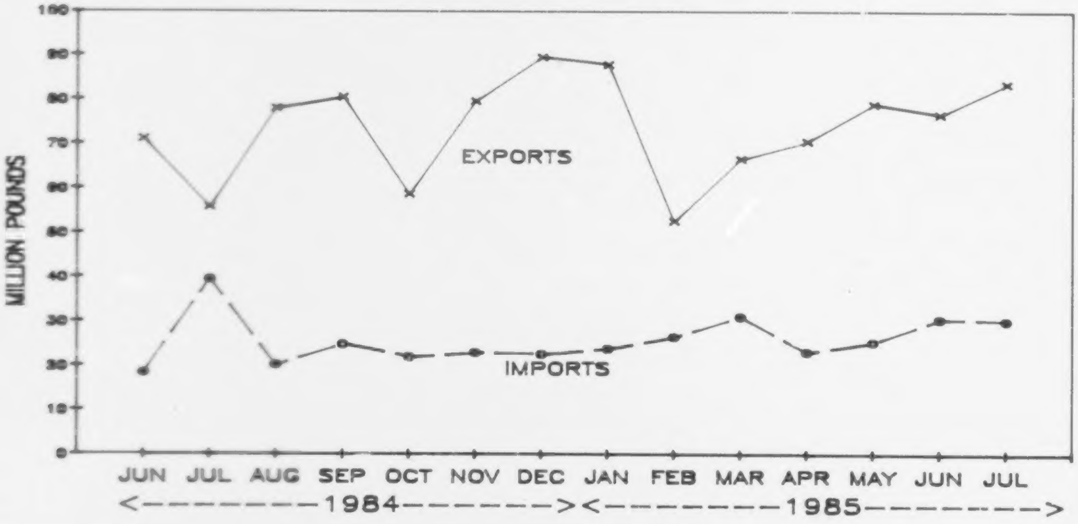
Products to note in July:

- *Rayon staple. Imports soared by 83%, while exports fell by 67%.*
- *Nylon textured yarn. Exports rose by 41%.*
- *Acrylic staple. Exports increased by 200%.*

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented the manufactures trade data will again appear in the ***ORGANON***.

GRAPH 3:
IMPORTS VS EXPORTS OF MAN—MADE FIBER
MILLION POUNDS



GRAPH 4:
MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

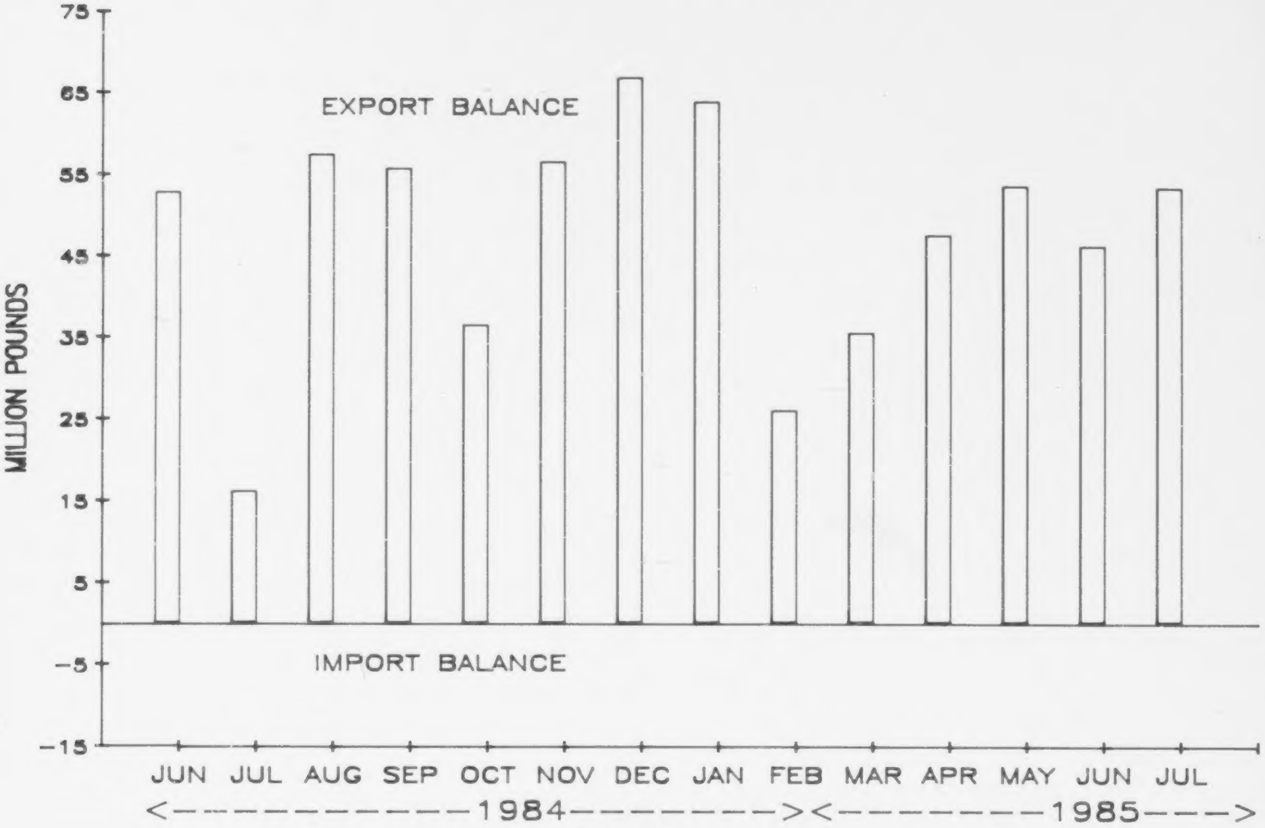


TABLE 11:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984							1985						
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
CELLULOSIC YARN+MONOFILAMENTS	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I	0.3 E	+	0.1 I	0.8 I	+
CELLULOSIC STAPLE+TOW	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E	2.2 E	3.7 E	1.5 E	4.4 E	0.9 E
NONCELLULOSIC YARN+MONOFILAMENTS	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E	10.2 E	18.9 E	20.9 E	22.4 E	21.0 E
NONCELLULOSIC STAPLE+TOW	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E	23.4 E	24.9 E	29.0 E	17.2 E	28.0 E
CELLULOSIC WASTE	+	0.1 E	0.1 I	0.2 E	0.1 I	0.2 E	0.1 E	+	+	0.2 E	0.1 E	0.1 E	0.1 E	+
NONCELLULOSIC WASTE	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I	0.7 I	+	2.2 E	2.9 E	3.7 E
TOTAL	53.0 E	16.3 E	57.6 E	55.9 E	36.6 E	56.7 E	67.0 E	64.0 E	26.1 E	35.6 E	47.6 E	53.6 E	46.2 E	53.6 E

I means net-import balance.
E means net-export balance.

TABLE 12:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	120	131	140	185	199	256	138						1169	1358
MEXICO	33	40	36	138	64	183	122						616	460
FRANCE	27	0	0	30	0	0	0						57	53
GERMANY, FED. REP. OF	686	424	358	169	382	645	360						3024	2828
NETHERLANDS	77	76	84	145	36	209	101						728	303
JAPAN	96	73	10	66	9	58	0						312	384
REP. OF KOREA	0	0	0	22	9	130	0						161	180
ALL OTHER COUNTRIES[a]	71	60	112	91	91	145	162						732	121
TOTAL CELL. YARN	**1110**	**804**	**740**	**846**	**790**	**1626**	**883**						**6799**	**5687**
CELLULOSIC STAPLE+TOW														
CANADA	788	662	561	548	522	348	556						3985	4628
AUSTRIA	62	88	19	20	0	20	0						209	1396
SWEDEN	314	368	271	595	1	0	189						1738	2665
UNITED KINGDOM	162	268	180	53	52	62	47						824	626
JAPAN	20	32	59	92	91	5	29						328	813
ALL OTHER COUNTRIES[b]	35	0	223	0	50	2	1						311	124
TOTAL CELL. STAPLE+TOW	**1381**	**1418**	**1313**	**1308**	**716**	**437**	**822**						**7395**	**10252**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	962	716	939	1085	1038	1507	1924						8171	11827
COSTA RICA	0	0	30	0	7	31	1						69	198
MEXICO	624	588	923	566	435	1099	766						5001	9360
AUSTRIA	83	109	89	126	43	44	31						525	176
BELGIUM	205	454	949	519	540	1084	642						4393	64
FRANCE	682	441	320	314	104	471	375						2707	1128
GERMANY, FED. REP. OF	1676	1879	2645	1170	1639	1308	1368						11685	11232
ITALY	1528	911	925	258	529	2020	1581						7752	3816
NETHERLANDS	93	1	37	54	98	79	136						498	387
SPAIN	1	0	+	0	2	1	0						4	323
SWITZERLAND	35	26	32	14	32	26	10						175	347
UNITED KINGDOM	591	612	807	575	638	629	517						4369	2792
ISRAEL	78	274	98	182	286	278	142						1338	975
JAPAN	584	793	473	875	724	462	475						4386	10025
REP. OF KOREA	3	1	1	4	1	0	1						11	187
TAIWAN	9	1	21	19	33	38	30						151	455
ROMANIA	88	0	0	0	22	0	0						110	370
SOUTH AFRICA	286	209	1618	986	1189	1260	902						6450	2578
ALL OTHER COUNTRIES[c]	242	290	184	748	372	423	949						3208	594
TOTAL N.C. YARN	**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**9850**						**61003**	**56834**
NONCELLULOSIC STAPLE+TOW														
BRAZIL	278	415	935	0	670	536	55						2889	817
CANADA	1640	2153	1296	2287	2591	2214	2085						14266	8640
COSTA RICA	86	330	187	260	144	189	400						1596	1244
MEXICO	1111	433	772	345	420	953	623						4657	11958
BELGIUM	127	85	12	67	18	20	18						347	402
FRANCE	920	1032	923	621	392	656	1177						5721	2952
GERMANY, FED. REP. OF	1656	1970	1670	1456	2367	2402	3090						14611	18507
ITALY	527	411	2448	481	506	1639	2162						8174	8722
NETHERLANDS	74	27	67	29	32	3	40						272	508
SWITZERLAND	18	146	11	71	19	40	22						327	274
UNITED KINGDOM	740	1287	879	847	1619	1387	1380						8139	8974
ISRAEL	0	1	55	77	127	262	95						617	159
JAPAN	1154	1247	1567	1982	2289	2345	1693						12277	8730
REP. OF KOREA	37	170	165	928	475	346	317						2438	326
TAIWAN	1301	1033	2115	865	1290	1354	2199						10157	7054
ROMANIA	83	88	95	36	29	99	136						566	1301
SOUTH AFRICA	49	131	0	25	57	24	27						313	376
ALL OTHER COUNTRIES[d]	43	101	44	190	160	159	164						861	673
TOTAL N.C. STAPLE+TOW	**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**15683**						**88228**	**81617**

+ Means a nominal poundage.

Other countries supplying 1985 poundages are

a. Brazil 365, Hong Kong 12, Ireland 112, Italy 6, China, PRC 2, Sweden 10, Taiwan 37, Thailand 13, United Kingdom 175.

b. Brazil 1, Fed. Rep. of Germany 44, Finland 79, France 14, Italy 5, Netherlands 3, Taiwan 165.

c. Australia 115, Belgium +, Brazil 214, Denmark 114, German Dem. Rep. 24, Hong Kong 4, Iran 51, Ireland 148, Morocco 55, Norway 203, China, PRC 2, Singapore 48, Sweden 156, Turkey 47, Yugoslavia 2027.

d. Australia 103, Austria 74, Denmark 112, Finland 289, Hong Kong +, Iceland 35, Ireland 52, Jordan 16, Kiribat 29, Philippines +, Portugal +, Spain 1, Sweden 35, Turkey 8, Yugoslavia 107.

TABLE 13:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310 0106 & 0206	0	0	38	41	0	0	0						79	527
OTHER	310 0130 & 0230[a]	1105	751	697	726	748	1547	723						6297	5072
MONOFILAMENTS	309 0310 & 0610	0	17	1	0	0	0	0						18	5
STRIPS, $1/LB & UNDER	309 2000*	5	36	4	79	42	79	160						405	83
SUBTOTAL ABOVE		**1110**	**804**	**740**	**846**	**790**	**1626**	**883**						**6799**	**5687**
STAPLE	309 4320 & 4325	1319	1255	1255	1186	610	408	745						6778	9408
GROUPED FILAMENTS	309 3010 & 3110	62	163	58	122	106	29	77						617	844
SUBTOTAL ABOVE		**1381**	**1418**	**1313**	**1308**	**716**	**437**	**822**						**7395**	**10252**
WASTE, ADVANCED & NOT ADVANCED	309 6500 & 7510[b]	**96**	**73**	**0**	**41**	**0**	**0**	**78**						**288**	**322**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310 0109 & 0209	2115	1670	2496	1646	992	4129	3940						16988	11735
- POLYESTER	310 0110 & 0210	654	758	2492	1531	1834	1670	1394						10333	6763
- OTHER	310 0114 & 0214	1157	1238	1081	816	1002	1263	1265						7822	4891
OTHER - NYLON	310 0149 & 0249	2037	1819	1450	2132	1950	1961	1783						13132	18145
- POLYESTER	310 0150 & 0250	1336	1326	2183	838	1483	1291	1017						9474	11107
- OTHER	310 0170 & 0270[c]	179	243	140	182	281	108	136						1269	1673
MONOFILAMENTS	309 0200 & 0330[d]	240	133	190	238	118	196	204						1319	1876
STRIPS, OVER $1/LB	309 2100 & 2500*	52	118	59	112	72	142	111						666	644
SUBTOTAL ABOVE		**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**9850**						**61003**	**56834**
STAPLE - NYLON	309 4338	2329	1897	4525	2186	2030	3786	4667						21420	23426
- POLYESTER	309 4342	1623	2018	1854	2551	2736	2382	2233						15397	15436
- ACRYLIC	309 4345	1392	967	1073	1089	1102	1385	1483						8491	8497
- OLEFIN	309 4346	38	169	270	355	583	796	472						2683	1505
- OTHER	309 4355	1838	1645	2997	894	2464	2233	1949						14020	9340
GROUPED FILAMENTS															
NYLON	309 3030 & 3130	1742	3045	1957	2013	3112	2351	3233						17453	13530
POLYESTER	309 3040 & 3140	372	335	188	270	160	668	921						2914	4335
ACRYLIC	309 3050 & 3150	440	832	273	916	935	761	530						4687	4389
OTHER	309 3065 & 3165	70	152	104	293	83	266	195						1163	1156
SUBTOTAL ABOVE		**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**15683**						**88228**	**81616**
WASTE, NOT ADVANCED															
- NYLON	309 6625	3094	4321	3549	1975	1905	1757	1943						18544	20970
- POLYESTER	309 6630	445	950	1386	435	474	1001	391						5082	[illegible]
- ACRYLIC	309 6645	+	0	10	20	58	0	0						88	38
- OTHER	309 6660	12	197	169	37	37	291	126						869	2281
NOILS & GARNETTED FIBERS	309 6000 & 7000*	0	0	62	31	0	0	0						93	242
OTHER WASTE, ADVANCED	309 7525 - 7555	44	368	498	334	431	52	408						2135	1778
SUBTOTAL ABOVE		**3595**	**5836**	**5874**	**2832**	**2905**	**3101**	**2868**						**26811**	**30266**
TOTAL MAN-MADE ABOVE		**23796**	**26496**	**31059**	**23089**	**25348**	**30552**	**30184**						**190524**	**184977**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310 1106	0	0	+	1	0	0	0						1	+
- NONCELLULOSIC	310 1015[h] & 1109[f]	1106	665	740	248	365	747	1052						4923	6707
OTHER - CELLULOSIC	310 1030 & 1135[g]	48	18	17	6	27	130	17						263	118
- NONCELLULOSIC	310 1050 & 1070[i]	346	503	337	392	894	480	340						3292	1701
SPUN YARN - CELLULOSIC	310 4005 & 4030	83	143	119	110	168	143	160						926	969
- OTHER	310 4015 & 4027[j]	2643	1623	2810	2749	4479	3393	2901						20598	22098
OTHER YARNS - NES, INCL. CHENILLE	310 6029 - 8000	682	296	626	250	1126	1143	668						4791	707
HANDWORK YARNS & SEWING THREAD	310 9000 - 9140	451	462	739	833	851	780	742						4858	2154
SLIVER, TOPS & ROVING	309 9000	205	241	410	131	227	165	149						1528	3408
TEXTILE GLASS FIBER	309 2800 & 2900[k]	2454	1496	3565	3438	2160	3771	2589						19473	15374
GRAND TOTAL ABOVE		**31814**	**31943**	**40422**	**31247**	**35645**	**41304**	**38802**						**251177**	**238213**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 14:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR-TO-DATE 1985	1984
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0	4	30	4	2	7	2						49	85
OTHER[b]	310.0026	811	117	971	765	697	816	841						5018	6633
MONOFILAMENTS	309.0110	0	0	0	60	4	0	0						64	8
STRIPS	309.2210	0	7	0	0	0	0	0						7	58
SUBTOTAL ABOVE		**811**	**128**	**1001**	**829**	**703**	**823**	**843**						**5138**	**6784**
STAPLE+TOW-RAYON	309.4222	2925	2042	3375	4870	2144	4517	1486						21359	36956
STAPLE-ACETATE	309.4219	12	133	140	133	70	295	203						986	1597
SUBTOTAL ABOVE		**2937**	**2175**	**3515**	**5003**	**2214**	**4812**	**1689**						**22345**	**38553**
WASTE, ADVANCED & NOT ADVANCED	309.7400	**72**	**119**	**161**	**113**	**137**	**141**	**94**						**837**	**983**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	2478	2450	2480	2073	1961	1467	2065						14974	20593
- HIGH TENACITY[c]	310.0027	4921	6044	6255	5527	7101	4516	4898						39262	35750
- OTHER	310.0029	883	1002	954	824	610	600	584						5457	8560
POLYESTER-TEXTURED	310.0010	7465	5968	5803	13481	10315	16481	15935						75448	37863
- HIGH TENACITY[c]	310.0032	865	795	641	946	4285	4748	3641						15921	5215
- OTHER	310.0034[d]	2458	102	422	295	1114	759	382						5532	3149
OTHER - TEXTURED	310.0014	264	588	1152	258	509	636	1154						4561	3931
- OLEFIN	309.0040	52	5	61	18	47	67	49						299	235
- OTHER	310.0044	557	572	607	711	655	1741	810						5653	3411
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	231	195	189	136	288	237	135						1411	1566
POLYESTER[e]	309.0140	667	434	470	472	533	501	403						3480	1619
OTHER	309.0170	1060	996	908	1335	894	706	422						6321	6261
STRIPS	309.2220 & .2270	427	339	346	316	296	646	335						2705	2819
SUBTOTAL ABOVE		**22328**	**19490**	**20288**	**26392**	**28608**	**33105**	**30813**						**181024**	**130972**
STAPLE - NYLON	309.4240	1180	471	783	1269	491	992	795						5981	9193
- POLYESTER	309.4242	23227	9880	18988	16125	22416	18365	17503						126504	69198
- ACRYLIC	309.4245	21821	12541	11117	11634	10587	5923	17806						91429	87239
- OLEFIN	309.4246	1039	261	620	442	750	791	137						4040	2035
- OTHER	309.4247	755	875	890	775	1217	944	821						6277	5633
GROUPED FILAMENTS															
NYLON	309.3220	211	95	51	142	24	390	142						1055	1990
POLYESTER[e]	309.3240	3251	1302	2292	2519	3107	2775	3484						18730	16453
ACRYLIC	309.3250 & .3255	3372	2291	1957	2543	3648	1600	2974						18385	18581
SUBTOTAL ABOVE		**54856**	**27716**	**36698**	**35449**	**42240**	**31780**	**43662**						**272401**	**210322**
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	303	196	237	297	345	159	200						1737	8414
- POLYESTER	309.7630	4721	2235	3165	1606	3530	4091	4135						23483	33879
- ACRYLIC	309.7640	419	214	716	111	176	391	298						2325	2715
- OTHER	309.7660	1405	342	873	803	1012	1380	1907						7722	9429
SUBTOTAL ABOVE		**6848**	**2987**	**4991**	**2817**	**5063**	**6021**	**6540**						**35267**	**54437**
TOTAL MAN-MADE FIBER ABOVE		**87852**	**52615**	**66654**	**70603**	**78965**	**76682**	**83641**						**517012**	**442051**
TEXTILE GLASS FIBER	309.2700 & .9700	7000	3868	7463	5183	5044	5110	4786						38454	32170
GRAND TOTAL ABOVE		**94852**	**56483**	**74117**	**75786**	**84009**	**81792**	**88427**						**555466**	**474221**

SOURCE: U.S. Census Bureau Report EM546

a Includes thrown, singles and plied yarn

b Includes an undetermined amount of rayon tire cord and cord fabric

c Includes an undetermined amount of noncellulosic tire cord and cord fabric

d Includes zero twist yarns

e These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 15:
FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1984				1985			
		1981	1982	1983	1984	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
(A) ACETATE			(N) NYLON *				(P) POLYESTER			(O) OLEFIN			
HOSIERY[b]	N	107.0	92.3	104.3	101.5	27.8	25.6	24.1	24.0	25.2	25.0		
OTHER CIRCULAR KNIT[c]	N	48.2	25.7	24.5	17.6	4.2	5.1	4.5	3.8	3.1	3.2		
	P	345.6	228.4	293.7	174.7	55.7	42.0	33.8	43.2	33.1	46.9		
	A	3.6	1.6	2.1	2.3	0.4	1.0	0.6	0.3	0.3	NA		
FLAT KNIT	A	98.7	71.7	79.1	67.2	18.1	19.8	15.1	14.2	15.5	NA		
	N	163.2	130.8	162.2	135.2	40.4	33.0	29.4	32.4	36.0	33.4		
	P	98.4	87.0	116.6	137.3	32.7	36.0	34.0	34.6	37.1	39.5		
CARPET FACE	N	633.6	559.5	734.6	770.2	191.1	197.7	191.3	190.1	163.9	207.5		
	O	89.5	90.0	147.2	154.1	33.7	36.2	39.1	45.1	44.8	51.2		
CARPET BACKING[d]	O	195.3	184.7	198.8	227.8	48.1	53.0	51.6	75.1	97.3	109.1		
OTHER BROAD WOVEN[e]	A	110.7	88.8	113.6	108.8	29.8	30.5	27.2	21.3	19.5	NA		
	N	89.2	82.2	83.6	90.7	20.5	24.7	23.9	21.6	16.9	16.3		
	P	440.2	367.0	489.9	392.2	104.8	93.9	92.5	101.0	96.1	107.2		
	O	200.7	172.5	201.1	190.3	47.4	50.5	43.8	48.6	54.6	60.1		
NARROW WOVEN[f]	A	8.6	2.9	1.7	0.7	0.1	0.3	0.3	–	0.1	NA		
	N	34.0	30.2	35.3	39.9	10.8	10.1	9.2	9.8	7.8	7.7		
	P	28.1	28.1	35.5	38.7	8.6	8.8	10.2	11.1	9.6	9.5		
	O	12.6	12.1	15.0	14.9	3.7	3.8	3.8	3.6	3.8	4.0		
TIRES. INCL. CHAFER	N	204.7	147.9	145.5	172.9	42.4	45.5	38.6	46.4	42.7	36.4		
	P	174.8	168.9	174.1	174.4	44.6	44.5	44.8	40.5	44.5	40.2		
OTHER RUBBER INDUSTRY[g]	N	25.7	17.3	16.3	20.9	5.1	5.6	5.5	4.7	4.6	3.7		
	P	35.1	26.7	27.8	32.7	8.1	9.9	7.8	6.9	7.2	8.2		
ROPE. CORDAGE & FISHLINE	N	30.6	29.1	31.7	35.0	8.7	9.9	8.4	8.0	8.6	8.6		
	P	15.8	14.4	12.2	15.7	4.5	3.9	3.5	3.8	3.1	3.7		
	O	92.1	84.8	95.5	106.9	28.4	27.9	23.1	27.5	28.8	29.8		
ALL OTHER[h]	A	4.7	4.0	1.1	1.1	0.3	0.3	0.2	0.3	0.4	NA		
	N	68.1	50.6	54.4	54.2	14.1	13.5	14.0	12.6	13.9	10.3		
	P	292.0	214.3	144.6	179.2	32.9	47.1	50.3	48.9	59.4	56.4		
	O	38.1	32.9	41.0	31.6	8.0	8.8	8.2	6.6	7.8	7.5		
TOTAL ABOVE	A	**226.3**	**169.0**	**197.6**	**180.1**	**48.7**	**51.9**	**43.4**	**36.1**	**35.8**	**NA**		
	N	**1404.3**	**1165.6**	**1392.4**	**1438.1**	**365.1**	**370.7**	**348.9**	**353.4**	**322.7**	**352.1**		
	P	**1430.0**	**1134.8**	**1294.4**	**1144.9**	**291.9**	**286.1**	**276.9**	**290.0**	**290.1**	**311.6**		
	O	**628.3**	**577.0**	**698.6**	**725.6**	**169.3**	**180.2**	**169.6**	**206.5**	**237.1**	**261.7**		
TOTAL DOMESTIC		**3688.9**	**3046.4**	**3583.0**	**3488.7**	**875.0**	**888.9**	**838.8**	**886.0**	**885.7**	**NA**		
ALSO DIVIDED AS													
APPAREL		1530.0	1128.2	1257.5	1072.1	278.1	308.8	244.0	241.2	252.1	NA		
HOME FURNISHINGS		1129.4	1016.6	1328.7	1354.2	335.3	305.5	339.9	373.5	364.2	NA		
INDUSTRIAL		1029.5	901.6	996.8	1062.4	261.6	274.6	254.9	271.3	268.8	NA		
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)													
NYLON		159.6	122.3	127.1	118.7	31.3	30.4	28.1	28.9	28.4	28.7		
POLYESTER		991.3	737.9	832.4	675.5	173.6	162.1	161.7	178.1	181.0	204.5		
OLEFIN		33.5	26.8	28.0	23.3	5.9	5.8	6.9	4.7	5.2	5.9		

NA - Not Available

*. Includes Aramid in 1981 and 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports.

i. These poundages are included in the Total Domestic area above.

TABLE 16:
STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1984				1985			
		1981	1982	1983	1984	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
(R) RAYON (N) NYLON* (A) ACRYLIC+MODACRYLIC (P) POLYESTER (O) OLEFIN													
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	255.6	230.5	237.3	204.8	54.4	57.1	48.5	44.8	48.6	48.9		
	NPR	8.9	8.8	9.5	8.6	1.4	1.6	1.6	1.9	1.7	1.1		
PILE FABRICS[c]	A	44.7	36.4	33.0	30.0	8.3	8.9	7.0	5.8	6.6	7.1		
	P	14.9	15.6	18.2	18.4	4.9	5.0	4.6	4.0	3.9	4.1		
OTHER CIRCULAR-FLAT KNIT[a]	R	10.9	5.7	3.5	4.3	1.2	0.6	1.2	1.3	0.7	1.3		
	A	91.6	112.6	129.5	118.5	32.0	35.0	31.0	20.5	27.3	38.3		
	P	300.7	288.8	354.4	283.0	77.6	76.5	67.5	61.4	67.7	75.6		
BLANKETS[c]	A	28.1	23.7	27.1	25.2	6.9	5.5	6.7	6.1	6.1	7.4		
	P	14.8	12.0	10.5	5.5	1.4	1.4	1.5	1.2	0.9	1.9		
OTHER BROAD WOVEN	R	224.7	146.6	182.1	177.7	48.9	42.8	43.2	42.8	39.0	39.4		
	N	52.4	56.4	59.0	42.5	12.3	11.0	8.9	10.3	11.4	8.2		
	A	33.0	25.7	32.5	29.5	9.4	7.4	5.6	7.1	8.8	9.6		
	P	1107.0	889.0	1062.9	1039.1	272.6	270.6	258.3	237.6	214.1	209.2		
	O	17.1	16.1	19.4	22.1	5.7	5.3	5.3	5.8	6.4	6.9		
CARPET FACE YARNS	R	0.3	0.1	0.2	0.3	0.2	-	0.1	-	0.1	0.1		
	N	617.4	594.4	815.2	751.0	194.6	196.1	179.2	181.1	176.5	190.0		
	A		Included in All Other										
	P	124.0	114.7	139.0	131.4	31.2	35.6	32.0	32.6	30.7	33.9		
	O	67.5	76.8	93.6	96.5	22.4	25.2	23.9	25.0	25.2	30.6		
FIBERFILL[f]	P	226.7	228.4	275.4	276.1	69.2	65.9	65.4	75.6	72.6	65.0		
FLOCK	NP	13.0	10.2	10.6	9.2	2.3	2.3	2.2	2.4	1.4	1.2		
	R	5.6	3.1	3.2	2.7	0.7	0.7	0.7	0.6	0.6	0.4		
NONWOVENS[e]	R	124.6	111.9	119.0	126.3	33.8	32.4	32.0	28.1	27.6	28.9		
	N	3.5	3.8	4.9	2.8	0.9	0.6	0.7	0.6	0.7	0.7		
	P	149.3	155.2	177.4	177.2	44.6	46.7	42.9	43.0	44.0	39.2		
	VINYON+O	42.7	39.0	61.5	119.2	25.2	29.6	32.5	31.9	34.5	32.0		
ALL OTHER	R	29.1	24.3	23.9	18.8	5.5	5.6	3.8	3.9	5.5	6.1		
	N	10.3	7.7	5.2	9.4	1.1	0.9	3.6	3.8	2.8	2.6		
	A	41.1	29.0	32.8	38.7	9.6	10.3	8.9	9.9	7.7	8.4		
	P	60.6	57.8	55.8	56.2	11.7	24.5	7.8	12.2	21.0	30.4		
	VINYON+O	4.7	7.0	8.9	3.1	0.4	0.9	1.0	0.8	1.6	2.4		
TOTAL ABOVE	**R**	**396.9**	**293.7**	**333.5**	**331.9**	**90.7**	**82.5**	**81.6**	**77.1**	**73.8**	**70.6**		
	N	**696.4**	**673.3**	**897.1**	**814.4**	**211.1**	**210.6**	**194.5**	**198.2**	**182.8**	**202.7**		
	A	**494.1**	**457.9**	**482.2**	**446.7**	**120.6**	**124.2**	**107.7**	**94.2**	**105.3**	**119.7**		
	P	**2005.4**	**1707.5**	**2099.2**	**1992.2**	**514.2**	**527.7**	**481.3**	**469.0**	**456.3**	**480.2**		
	VINYON+O	**132.0**	**138.9**	**183.4**	**240.9**	**53.7**	**61.0**	**62.7**	**63.5**	**67.2**	**71.9**		
TOTAL DOMESTIC		**3724.8**	**3331.3**	**3995.4**	**3826.1**	**990.3**	**1006.0**	**927.8**	**902.0**	**895.4**	**931.1**		
ALSO DIVIDED AS													
APPAREL		1487.5	1321.7	1461.3	1277.1	341.1	349.9	310.3	275.8	289.0	316.4		
HOME FURNISHINGS		1442.9	1266.4	1630.0	1559.0	404.7	406.1	375.1	373.1	365.7	380.0		
INDUSTRIAL		794.4	743.2	914.1	992.1	244.5	250.0	242.4	253.1	240.7	234.7		

* 1981 and 1982 poundages include Aramid

a. Olefin poundages are included in All Other

b. Rayon and nylon poundages are included in All Other

c. Nylon poundages are included in All Other

d. Rayon and acrylic poundages are included in All Other

e. Wet & dry laid and needled batts only

f. Acrylic poundages are included in All Other

TABLE 17:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1985	1984
	TOTAL SHIPMENTS													
MAN-MADE FIBER DATA														
YARN+MONOFILAMENTS														
CELLULOSIC YARN	**17.3**	**16.7**	**17.7**	**18.6**	**19.0**	**16.4**	**16.2**	**17.5**					**139.4**	**144.1**
NYLON - INDUSTRIAL	32.1	31.0	33.1	27.6	28.7	24.0	26.3	28.4					231.2	247.9
- LOW DENIER INDUSTRIAL	2.3	2.2	2.0	2.2	1.9	1.7	1.6	2.0					15.9	23.0
- CARPET	57.1	51.9	59.5	69.2	72.7	69.9	69.9	79.4					529.6	529.4
- TEXTILE	30.5	27.0	27.5	27.8	27.9	23.5	23.7	27.1					215.0	240.8
POLYESTER - INDUSTRIAL	26.4	24.5	25.3	26.4	25.4	21.6	21.4	23.6					194.6	212.1
- LOW DENIER INDUSTRIAL	1.6	1.6	1.4	2.0	2.0	2.0	1.7	2.0					14.3	16.4
- TEXTILE	69.5	75.6	81.9	89.6	89.3	83.9	80.4	86.7					656.9	563.9
OLEFIN	78.0	79.9	82.8	86.0	89.1	90.4	75.6	89.9					671.7	474.8
TOTAL NONCELLULOSIC ABOVE	**297.5**	**293.7**	**313.5**	**330.8**	**337.0**	**317.0**	**300.6**	**339.1**					**2529.2**	**2308.3**
STAPLE+TOW+FIBERFILL														
RAYON	**29.0**	**25.0**	**27.7**	**30.0**	**30.5**	**29.6**	**30.4**	**32.8**					**235.0**	**268.0**
NYLON	70.5	60.6	65.0	67.9	71.2	66.7	68.2	74.2					544.3	563.2
ACRYLIC+MODACRYLIC	51.5	55.0	57.8	54.9	56.7	50.5	52.5	55.3					434.2	457.4
POLYESTER	162.4	169.5	175.4	177.4	183.8	162.2	149.4	168.5					1348.6	1456.3
OLEFIN+VINYON	21.4	23.1	23.7	24.5	26.0	23.4	20.2	27.5					189.8	160.4
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.9**	**324.7**	**337.7**	**302.8**	**290.3**	**325.5**					**2516.9**	**2637.3**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
CELLULOSIC YARN	**18.2**	**18.2**	**18.9**	**19.2**	**19.2**	**19.4**	**19.9**	**17.9**					**17.9**	**15.5**
NYLON - INDUSTRIAL	28.8	30.6	29.4	32.0	27.5	29.9	32.3	29.7					29.7	29.0
- LOW DENIER INDUSTRIAL	6.2	6.2	6.1	6.1	5.8	5.6	6.0	6.4					6.4	5.3
- CARPET	68.0	69.5	71.1	58.2	51.9	52.9	55.5	49.5					49.5	61.0
- TEXTILE	43.1	45.0	47.7	47.5	46.6	48.2	45.7	39.4					39.4	44.9
POLYESTER - INDUSTRIAL	24.3	23.2	23.9	24.3	26.2	29.2	28.9	27.8					27.8	20.2
- LOW DENIER INDUSTRIAL	2.8	2.7	2.8	2.9	3.8	2.8	3.6	2.7					2.7	5.0
- TEXTILE	79.7	81.6	81.2	80.6	71.2	74.5	80.3	84.2					84.2	83.4
OLEFIN	62.0	64.3	65.9	64.7	63.3	67.2	63.8	62.2					62.2	58.9
TOTAL NONCELLULOSIC ABOVE	**314.9**	**323.1**	**328.1**	**316.3**	**298.3**	**310.3**	**316.1**	**301.9**					**301.9**	**307.7**
STAPLE+TOW+FIBERFILL														
RAYON	**30.3**	**31.3**	**32.4**	**31.1**	**29.5**	**28.1**	**27.5**	**24.3**					**24.3**	**26.7**
NYLON	69.7	72.4	74.1	71.1	70.2	69.1	71.0	66.9					66.9	77.4
ACRYLIC+MODACRYLIC	76.6	75.0	76.1	77.2	75.7	72.5	71.6	66.0					66.0	72.3
POLYESTER	191.8	192.6	186.9	187.6	187.7	175.7	178.5	156.1					156.1	209.9
OLEFIN+VINYON	26.1	25.1	24.1	25.5	24.3	22.9	23.9	24.5					24.5	21.5
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**	**361.4**	**357.9**	**340.2**	**345.0**	**313.5**					**313.5**	**381.1**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	9.6	9.3	13.0	10.9	10.0	9.3							62.1	86.4
CARPET CLASS WOOL	1.2	1.1	1.7	1.1	0.9	0.4							6.4	5.6
TOTAL RAW WOOL	10.8	10.4	14.7	12.0	10.9	9.7							68.5	92.0
RAW COTTON	176.2	193.8	283.2	225.0	204.1	245.9	211.6						1539.8	1614.8

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 43 of the March 1985 issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 43 of the March 1985 issue.

k. Year-to-Date total for 1984: acetate yarn only.

Correction:

Due to a production error, the following changes should be made in the ***June 1985 Organon***:

On page 127, the country heading should read: ***JAPAN***.

On page 124, the following companies should be added to the listing:

HUNGARY

MAGYAR VISCOSAGYÁR (Hungarian Viscose Factory)●
Acrylic Nyergesujfalu *Crumeron* (staple)
Nylon 6 Nyergesujfalu *Danamid* (yarn & staple)
Rayon Nyergesujfalu (staple)

On page 125, the country heading should read: ***HUNGARY (Continued)***.

On page 133, the following companies should be added to the listing for ***TAIWAN***:

TAIWAN

FORMOSA PLASTIC CORPORATION (part of Formosa Plastics Group)
Acrylic Kaohsiung & Lanchu *Tairylan* (staple, tow & tops)
HSIEH CHIN FISHING NET COMPANY, LTD ●
Nylon 6 Kaohsiung *Hsieh Chin* (monofil - captive)
HUALON - TEIJIN CORPORATION
Nylon 6 Chungho, Tao Yuan & Tou Fen (yarn)
Polyester Chungho, Tou Fen & Yim Kao *Hualon* (yarn & staple)
HUNG CHOU CHEMICAL INDUSTRY COMPANY, LTD
Polyester Kwei Shan *Hunvira* (yarn)
JANG DAH NYLON INDUSTRIAL COMPANY, LTD
Nylon 6 Hsin Tien *Yuan Pao* (yarn)
LIEN YU INDUSTRIAL COMPANY, LTD
Nylon 6 Lin Tu *Pagoda* (yarn)
Polyester Lin Tu *Pagoda* (yarn)
NAN-YA PLASTIC CO., POLYESTER FIBER DIVISION (part of Formosa Plastics Group)
Polyester Tai Shan *Tairilin* (yarn & staple)

On page 120, the following country should be added to the listing: ***BOLIVIA***:

BOLIVIA

TEXTURBOL TEXTURIZADORA BOLIVIANA
Polyester La Paz* (yarn)

Continued:

On page 133, the following companies should be added to the listing for ***JAPAN***:

KANEGAFUCHI CHEMICAL INDUSTRY CO., LTD.
Modacrylic Takasago *Kanecaron, Kanekalon* (staple & tow)

KOHJIN CO., LTD.
Polychlal Yatsushiro *Cordelan* (staple)
Rayon Yatsushiro (staple)

KURARAY CO., LTD.
Polyester Saijo & Tamashima *Kuraray Polyester* (yarn & staple)
Rayon Kurashiki, Saijo & Tamashima (reg yarn)
Vinal Okayama *Cremona, Kuralon* (yarn, monofil & staple)

KUREHA CHEMICAL INDUSTRY CO., LTD.
Saran Kaibara & Mibu *Krehalon* (yarn, monofil & staple)
Vinyon Mibu *Viclon* (monofil)

MITSUBISHI ACETATE CO., LTD.
Acetate Toyama (yarn & tow)
Triacetate Toyama (yarn)

MITSUBISHI RAYON CO., LTD. ●
Acrylic Otake *Finel, Silpalon, Vonnel* (yarn & staple)
Polyester Toyohashi *Soluna* (yarn), Lunaace (staple)

NIPPON ESTER CO., LTD. (subsidiary of Unitika, Kanebo and Mitsubishi Chemical Industry)
Polyester Okazaki & Sabae *Kanebo Ester, Unitika Ester* (yarn & staple)

NISSHINBO INDUSTRIES, INC.
Rayon Tokushima (staple)
Spandex Tokushima *Mobilon*

NITIVY CO., LTD.
Vinal Fujieda *Niti-Vilon, Solvron, Vilon* (yarn)

NITTO BOSEKI CO., LTD. ● (See Ube-Nitto Kasei)
Rayon Fukuyama (staple)

OMIKENSHI CO., LTD.
Rayon Kakogawa (staple)

TEIJIN LTD.
Aramid Iwakuni *Teijinconex* (staple)
Nylon 6 Mihara *Teijin Nylon* (yarn)
Polyester Ehime, Iwakuni, Matsuyama & Tokuyama *Teijin-Tetoron* (yarn & staple)
Vinyon Iwakuni *Teviron* (yarn)

TEIJIN ACETATE LTD. (subsidiary of Teijin Ltd.)
Acetate Matsuyama (yarn)

TOHO BESLON CO., LTD.
Acrylic Mishima *Beslon* (staple & tow)

TOHO RAYON CO., LTD.
Rayon Tokushima *Tovis* (staple)

TORAY INDUSTRIES, INC.
Acrylic Ehime *Toraylon* (staple)
Fluoro Ehime (pilot plant) *Toyoflon* (yarn)
Nylon 6 Aichi, Ishikawa*, Nagoya, Okazaki, Otsu & Shiga *Amilan, Toray Nylon* (yarn & staple)
Nylon 6/66 copolymer Aichi *Tapilon* (yarn)
Nylon 66 Aichi *Promilan* (yarn)
Polyester Ehime, Ishikawa & Okazaki *Toray Tetoron* (yarn & staple)

TORAY-MONOFILAMENT CO., LTD.
Nylon 6 Okazaki *Toray Nylon* (monofil & staple*)

TOYO CHEMICAL CO., LTD.
Vinyon Ofuna *Envilon* (yarn & monofil)

TOYO PRODUCTS CO., LTD.
Spandex Shiga *Opelon* (fused multifil)

TOYOBO CO., LTD. ●
Nylon 6 Tsuruga *Toyobo Nylon* (yarn)
Polyester Iwakuni & Tsuruga *Toyobo Ester* (yarn & staple)
Promix Tsuruga *Chinon* (yarn)
Rayon Iwakuni *Tufcel* (staple)
Spandex Tsuruga *Espa*

TOYOBO PETCORD CO., LTD.
Polyester Tsuruga *Toyobo Petcord* (yarn)

UNITIKA LTD.
Nylon 6 Uji *Unitika* (yarn, monofil & staple)
Polyester Okazaki *Marix* (ind yarn & spunbonded)

UNITIKA KASEI CO., LTD.
Vinal Sakoshi (Akoh City) *Mewlon* (yarn, monofil & staple)

UNITIKA RAYON CO., LTD.
Rayon Okazaki & Uji (ind & reg yarn)

YOSHIDA KOGYO K.K.
Polyester Kurobe (yarn)

OLEFIN FIBER

CHISSO POLYPRO FIBER CO., LTD. Moriyama *Chisso Polypro, ES Fiber* (P yarn & staple)

DAIWABO CO., LTD. Harima *Daiwabo Polypro, NBF Fiber* (E & P staple)

HAGIHARA INDUSTRY CO., LTD. Kurashiki (E monofil & film)

HIRATA SPINNING CO., LTD. Yokkaichi *Hiralon* (E & P yarn & monofil)

INABA SEIKO, LTD. Gamagori (E monofil)

KANEYA SEIKO, LTD. Hokkaido & Kushiro (P monofil)

KUREHA CHEMICAL INDUSTRY CO., LTD. Mibu *Kureha polypropylene* (P monofil)

MARUAI CO., LTD. Toyohashi (E monofil)

MITSUBISHI RAYON CO., LTD. Toyohashi *Mitsubishi Pylen* (P yarn & monofil)

MITSUI TOATSU CHEMICALS, INC. Iwakuni (Pilot Plant) & Nagoya *Hi-Zex* (E monofil)

NAGANO KAKO CO., LTD. Nagano (E monofil)

SHOWA POLYMER CO., LTD. Ibaraki (E monofil & film)

TAI-RAY CO., LTD. Mito *Danzex, Danzex Lite, Liplon* (E monofil, P yarn & monofil)

TANIYAMA CHEMICAL INDUSTRY CO., LTD. Okayama *Tanikalon* (E monofil)

TOA WOOL SPINNING & WEAVING CO., LTD. Tomari *Toabo Polypro* (P staple)

TONEN SEKIYUKAGAKU K.K. (TONEN PETROCHEMICAL CO., LTD.) Kawasaki *Tapyrus* (P spunbonded)

TOYOBO CO., LTD. Osaka (Pilot Plant) (E monofil)

UBE-NITTO KASEI CO., LTD. Fukuyama & Gifu *Sun Line, Ube-Nitto Polypro* (E monofil & P yarn, monofil & staple)

OLEFIN FILM FIBER, only

DAIDO KASEI Osaka

FUJIMOTO SANGYO Osaka

OKAMOTO CHEMICAL Ehime

SAKAI KASEI Osaka

SANSO JUSHI Yokkaichi

SANTO CHEMICAL Aichi

SEKISUI CHEMICAL Amagasaki & Nara

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- Shipments by Denier
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MONTHLY REVIEW

Highlights

6 Month U.S. Exports of Man-Made Fiber

... See Page 220.

6 Month U.S. Imports of Man-Made Fiber

... See Page 221.

Textile Organon Feature:

The U.S. Textile Trade Balance: An Overview

... Begins on Page 211.

In September, shipments of noncellulosic yarn+monofilaments and staple+tow reached their highest level of this year.

- Nylon industrial yarn shipments increased to the highest level since February.
- Polyester textile yarn shipments rose to the highest level since April 1983.
- Nylon carpet shipments advanced to the highest level for this year.
- Acrylic+Modacrylic shipments increased in September to the highest level since March of this year.

TABLE 1:
TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1985 SEP	1985 AUG	%[a]	1984 SEP	%[b]	YEAR TO DATE 1985	YEAR TO DATE 1984	%[c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN[e]	**17.5**	**17.5**	--	**14.3**	*+22.4*	**156.9**	**158.4**	*-0.9*
NYLON[d] - INDUSTRIAL	31.4	28.4	*+10.6*	30.7	*+2.3*	262.6	278.6	*-5.7*
- LOW DENIER INDUSTRIAL	2.5	2.0	*+25.0*	3.1	*-19.4*	18.4	26.1	*-29.5*
- CARPET	80.0	79.4	*+0.8*	69.7	*+14.8*	609.6	599.1	*+1.8*
- TEXTILE	29.1	27.1	*+7.4*	29.2	*-0.3*	244.1	270.0	*-9.6*
POLYESTER - INDUSTRIAL	23.0	23.6	*-2.5*	25.2	*-8.7*	217.6	237.3	*-8.3*
- LOW DENIER INDUSTRIAL	2.4	2.0	*+20.0*	1.7	*+41.2*	16.7	18.1	*-7.7*
- TEXTILE	96.2	86.7	*+11.0*	72.0	*+33.6*	753.1	635.9	*+18.4*
OLEFIN	78.2	89.9	*-13.0*	56.6	*+38.2*	749.9	531.4	*+41.1*
TOTAL NONCELLULOSIC ABOVE	**342.8**	**339.1**	*+1.1*	**288.2**	*+18.9*	**2872.0**	**2596.5**	*+10.6*
STAPLE+TOW+FIBERFILL								
RAYON	**29.7**	**32.8**	*-9.5*	**28.7**	*+3.5*	**264.7**	**296.7**	*-10.8*
NYLON[d]	73.7	74.2	*-0.7*	66.3	*+11.2*	618.0	629.5	*-1.8*
ACRYLIC+MODACRYLIC	57.5	55.3	*+4.0*	55.6	*+3.4*	491.7	513.0	*-4.2*
POLYESTER	173.6	168.5	*+3.0*	179.1	*-3.1*	1522.2	1635.4	*-6.9*
OLEFIN+VINYON	26.0	27.5	*-5.5*	21.9	*+18.7*	216.1	182.3	*+18.5*
TOTAL NONCELLULOSIC ABOVE	**330.8**	**325.5**	*+1.6*	**322.9**	*+2.4*	**2848.0**	**2960.2**	*-3.8*

-- Means no change.
[a] Percent change from previous month to current month.
[b] Percent change to current month from same month last year.
[c] Percent change from cumulative total last year to cumulative total this year.
[d] Nylon excludes Aramid.
[e] 1984 data Acetate only.
Also see footnotes on last page of this issue.

Textile Organon

OCTOBER 1985

A MONTHLY REVIEW

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DATAGRAM

SHIPMENTS CONTINUE TO IMPROVE

For the period January – September of 1985, shipments of noncellulosic yarn+monofilaments and staple+tow reached 5,720.0 million pounds, an increase of 3% from the 5,556.7 million pounds shipped during the first nine months of 1984.

When compared to January – September 1984 levels:

- *Yarn + monofilament shipments are up 11%.*
- *Staple + tow shipments declined by 4%.*

INVENTORIES DECLINE

Inventories of noncellulosic yarn+monofilaments and staple+tow declined by 11% in September to 601.6 million pounds compared to the 674.2 million pounds in September of 1984.

Comparing 1984 September levels:

- *Yarn + monofilaments inventories dropped by 1½%.*
- *Staple + tow inventories declined sharply by 18%.*

EXPORTS OF FIBER CONTINUE TO RISE

For the first six months of 1985, exports of man-made fiber increased by over 12% to 433.4 million pounds.

This compares to the 1984 January – June level of 386.2 million pounds.

Key areas to note:

- *Polyester high tenacity yarn exports advanced by 180%.*
- *Polyester textured yarn exports increased by 91%.*
- *Polyester staple + tow exports rose by 74%.*

MARGINAL GROWTH IN FIBER IMPORTS

Imports of man made fiber, for the first six months of 1985, totaled 160.3 million pounds, up 10% from the 145.6 million pounds shipped during the same period in 1984.

The major growth areas are:

- *Nylon textured yarn imports rose by 28%.*
- *Nylon waste imports grew by 22%.*
- *Other yarn - textured imports gained over 21%.*

U.S. MAN-MADE FIBER TEXTILE TRADE BALANCE: An Overview

The U.S. balance of trade in man-made fiber and manufactures dropped sharply in 1984 to a net **import** balance of 97.8 million pounds.

When placed in perspective of previous trade balance levels, this net **import** balance represents a significant departure from the historical trend of net **export** balances since 1973. However, 1984 data simply typifies a deepening erosion in the trade balance situation since 1980.

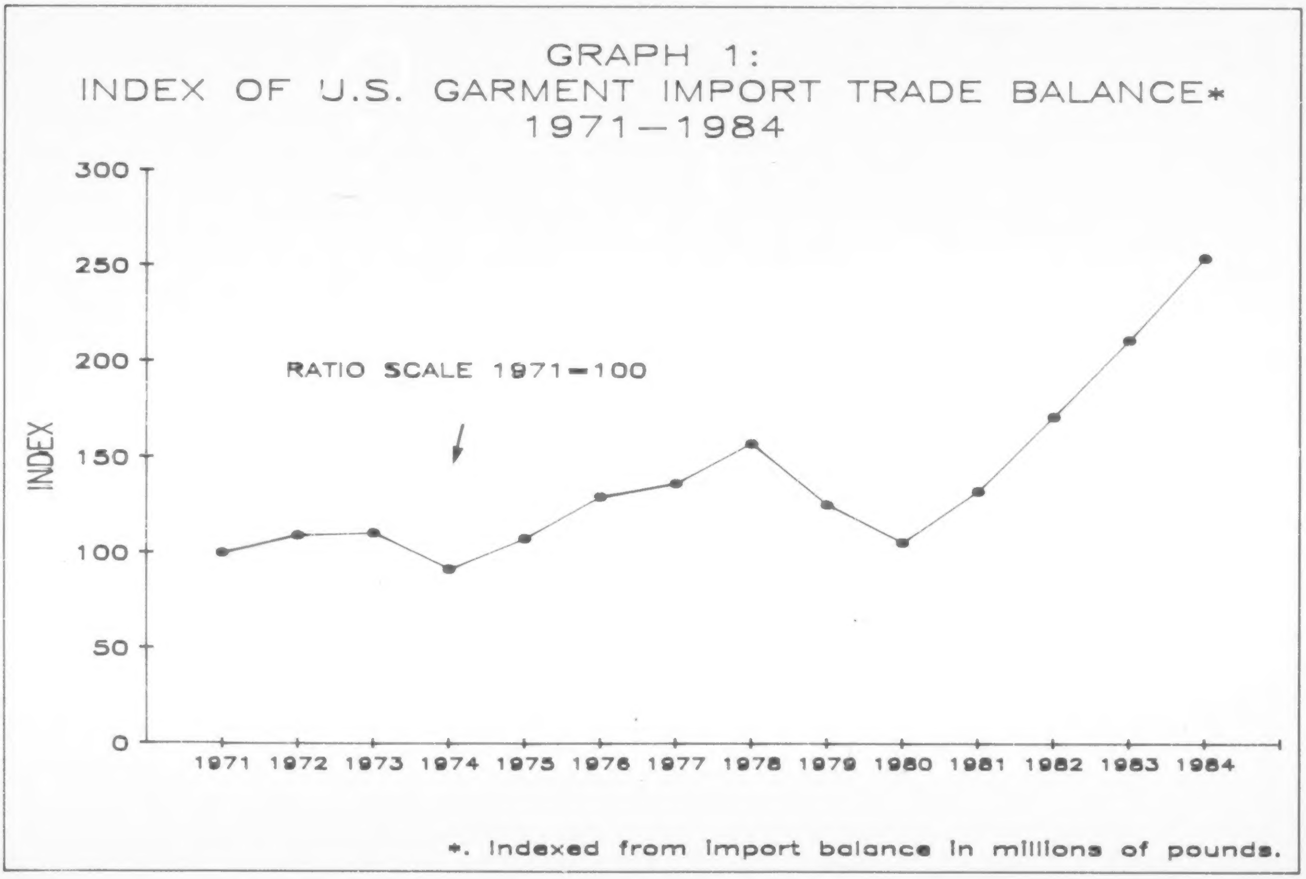
Significant imports of garments, a diminishing trade position in man-made fibers, as well as declining exports of both man-made fiber and manufactures, have contributed to the trade balance deterioration.

As Graph 1 depicts, an index of the U.S. net **import** balance has increased sharply since 1980. With 1971 as the base point of 100, the 1980 index stood at 105, while the 1984 index rose to 254.

Most importantly, over the same period the overall U.S. man-made fiber and manufacture trade balance eroded from a net **export** balance of 1,433.5 million pounds to the net **import** balance of 97.8 million pounds in 1984 (Graph 2). This erosion is a result of the garment import trade.

Since 1973, the U.S. has enjoyed a net **export** balance of trade in man-made fibers. However, the balance of trade in man-made fibers has declined significantly since 1981, as shown in Graph 3. Declining exports coupled with increasing imports have caused the man-made fiber trade balance to deteriorate in much the same manner as the garment import balance has eroded trade in manufactures.

However, it is the importance of garment net **import** balance which really had the greatest impact on the overall trade situation. Graph 4 shows the effect of excluding the garment trade from the man-made fiber manufacture balance. Without including garments, the trade in man-made fiber manufactures would for most years exhibit a net **export** balance, with the exception for 1984, as opposed to a net **import** balance when garments are included.



GRAPH 2:
U.S. BALANCE OF TRADE IN MAN–MADE FIBER MANUFACTURES 1971–1984

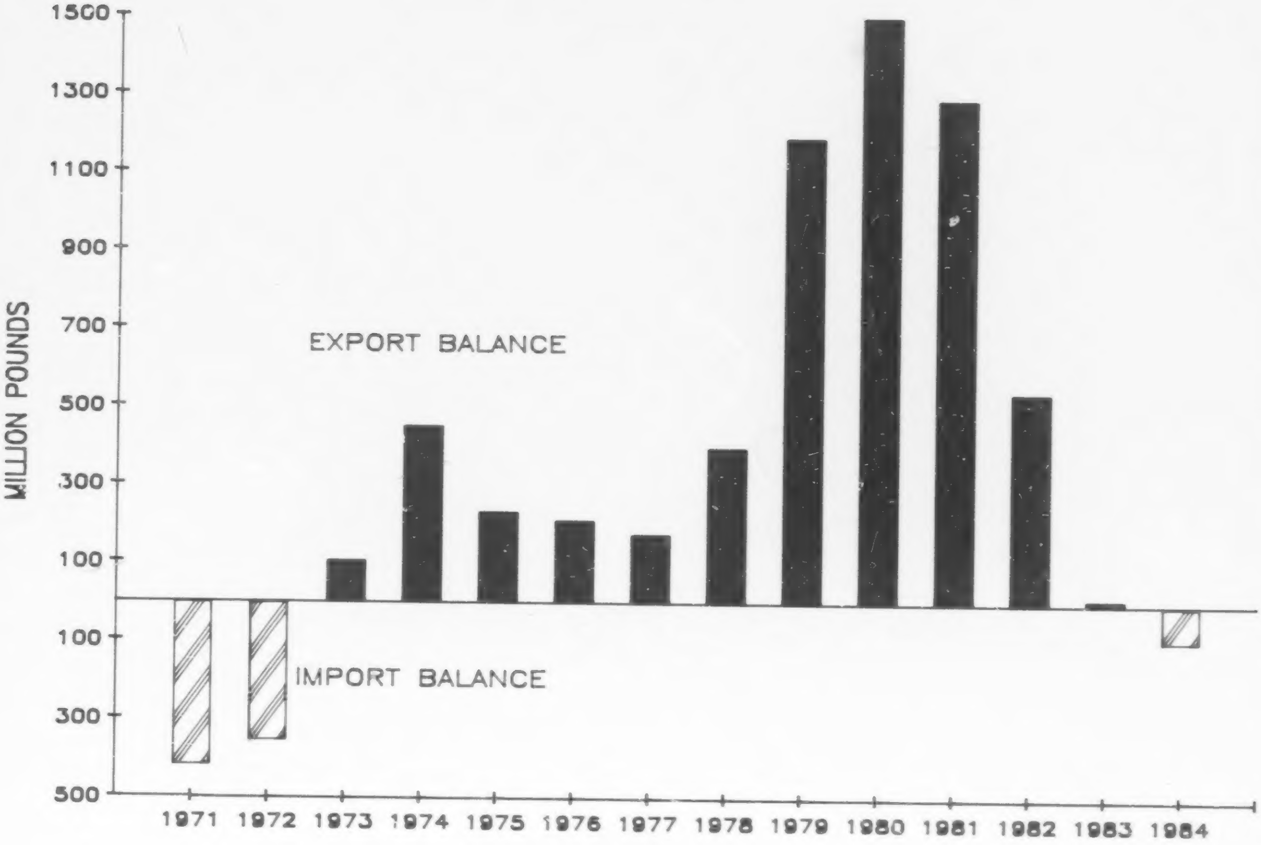


TABLE 2:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES [a]
1971-1984

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1971	902.3	480.4	421.9	I
1972	919.8	561.7	358.1	I
1973	830.0	938.1	108.1	E
1974	630.1	1083.8	453.7	E
1975	581.9	815.3	233.4	E
1976	710.0	922.2	212.2	E
1977	781.6	958.5	176.9	E
1978	848.5	1248.3	399.8	E
1979	636.1	1830.3	1194.2	E
1980	636.3	2079.8	1443.5	E
1981	796.4	2088.7	1292.3	E
1982	831.5	1374.3	542.8	E
1983	1107.4	1120.8	13.4	E
1984	1413.8	1316.0	97.8	I

a. I means import balance. E means export balance.

Sources: U.S. Census Bureau Report IM145X and EM546. United States Department of Agriculture, Cotton & Wool Outlook and Situation Report.

GRAPH 3:
U.S. BALANCE OF TRADE IN MAN-MADE FIBER VS U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES

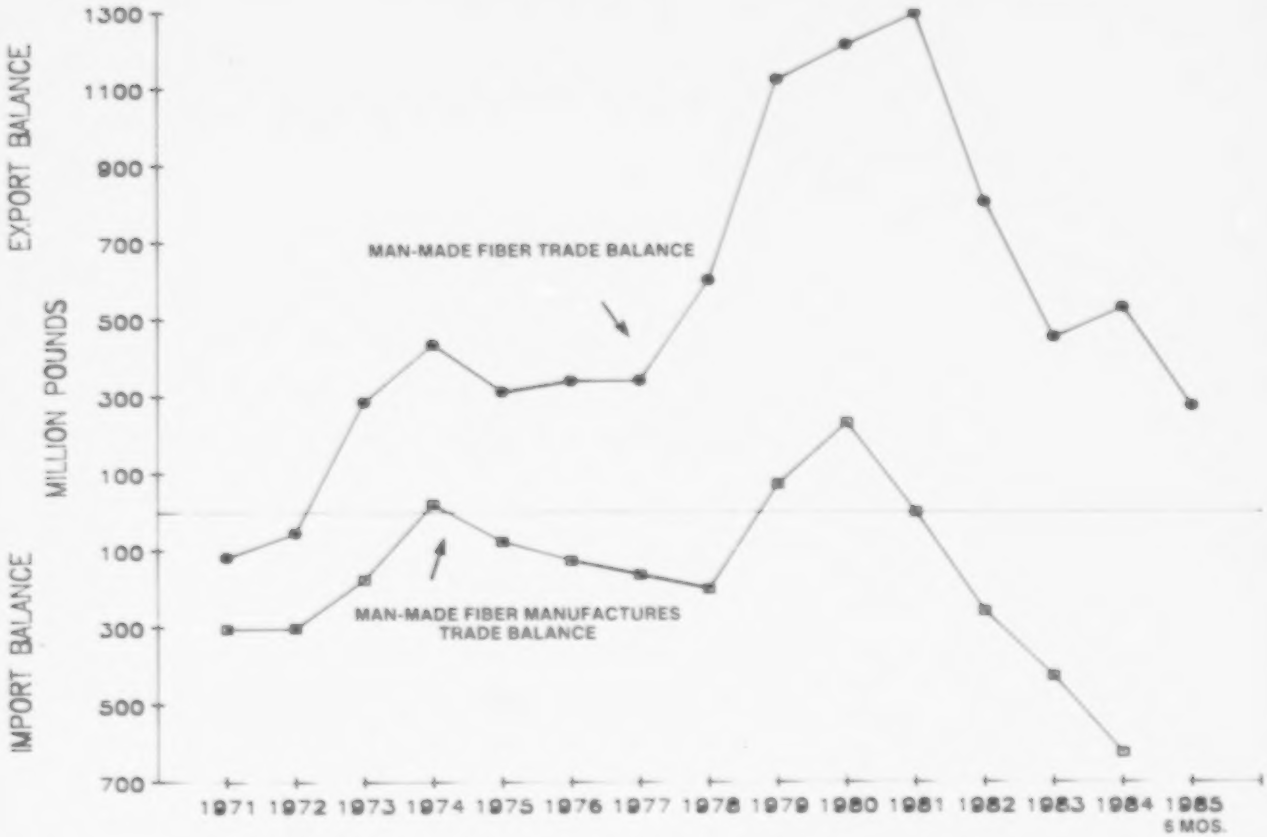


TABLE 3A:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER [a]
1971-1985

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]
1971	451.2	333.7	117.5 I
1972	439.3	384.1	55.2 I
1973	367.1	651.9	284.8 E
1974	258.9	693.1	434.2 E
1975	181.5	492.9	311.4 E
1976	230.5	570.0	339.5 E
1977	250.5	591.4	340.9 E
1978	205.9	806.6	600.7 E
1979	111.1	1233.7	1122.6 E
1980	95.7	1308.3	1212.6 E
1981	157.3	1451.0	1293.7 E
1982	133.5	935.8	802.3 E
1983	218.5	670.1	451.6 E
1984	299.2	828.1	528.9 E
6 MOS. 1985	160.3	433.4	273.1 E

TABLE 3B:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES [a]
1971-1984

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]
1971	451.1	146.7	304.4 I
1972	480.5	177.6	302.9 I
1973	462.9	286.2	176.7 I
1974	371.2	390.7	19.5 E
1975	400.4	322.4	78.0 I
1976	479.5	352.2	127.3 I
1977	531.1	367.1	164.0 I
1978	642.6	441.7	200.9 I
1979	525.0	596.6	71.6 E
1980	540.6	771.5	230.9 E
1981	639.1	637.7	1.4 I
1982	698.0	438.5	259.5 I
1983	889.0	460.7	428.3 I
1984	1114.6	487.9	626.7 I

[a] I means import balance E means export balance

Sources: U.S. Census Bureau Report IM145X and EM546 Unites States Department of Agriculture Cotton & Wool Outlook and Situation Report

GRAPH 4:
U.S. IMPORT & EXPORT BALANCE OF MAN-MADE FIBER MANUFACTURES
1971-1984

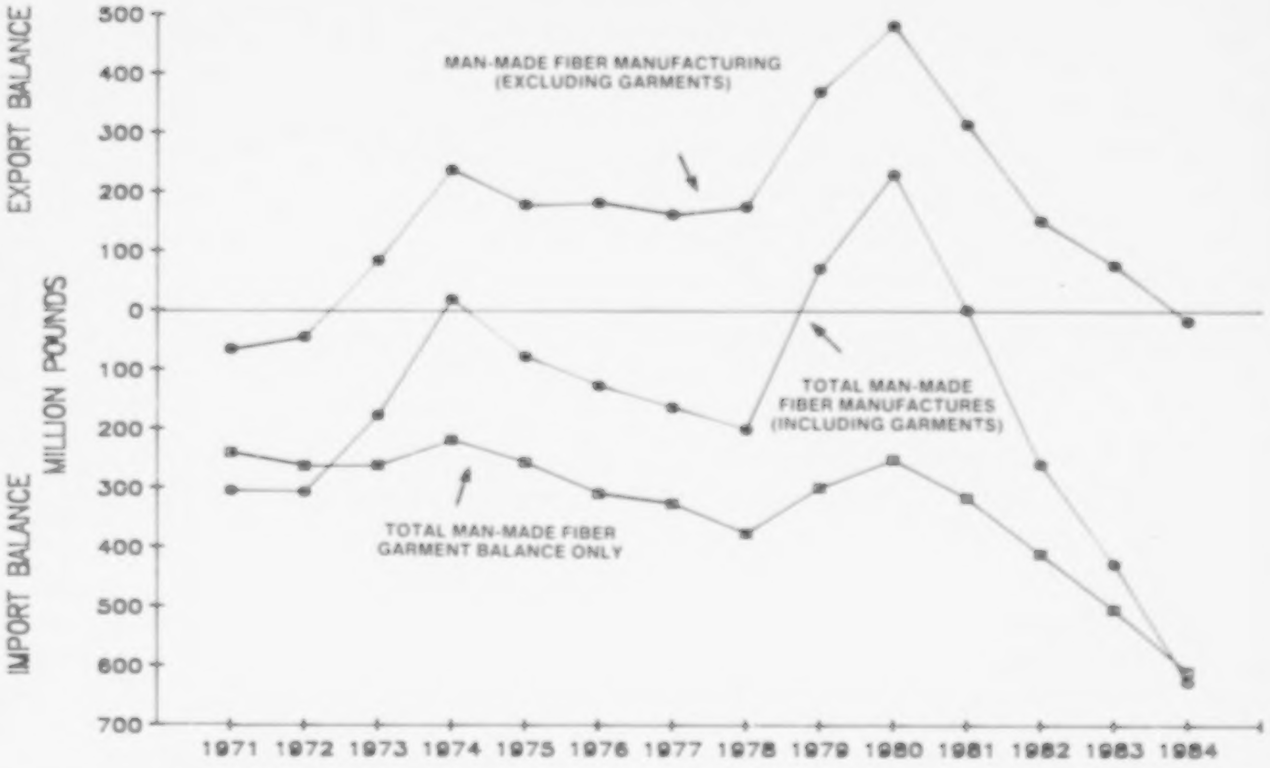


TABLE 4A:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES[a] (EXCLUDING TRADE IN GARMENTS)
1971-1984

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1971	195.1	130.6	64.5	I
1972	196.9	152.5	44.1	I
1973	178.4	263.4	85.0	E
1974	119.2	357.6	238.4	E
1975	111.4	290.6	179.2	E
1976	135.1	317.8	182.7	E
1977	164.6	327.3	162.7	E
1978	217.0	393.1	176.1	E
1979	165.2	536.1	370.9	E
1980	162.0	644.4	482.4	E
1981	202.0	517.0	315.0	E
1982	211.5	363.3	151.8	E
1983	313.0	389.9	76.9	E
1984	425.4	408.4	17.0	I

TABLE 4B:
U.S. GARMENTS TRADE BALANCE
1971-1984

MILLION POUNDS

YEAR	BALANCE[a]
1971	239.9 I
1972	262.8 I
1973	261.7 I
1974	218.9 I
1975	257.2 I
1976	310.0 I
1977	325.7 I
1978	377.0 I
1979	299.3 I
1980	251.5 I
1981	316.4 I
1982	411.3 I
1983	505.2 I
1984	609.8 I

[a] I means import balance E means export balance

Sources: U.S. Census Bureau Report IM145X and EM546. Unites States Department of Agriculture, Cotton & Wool Outlook and Situation Report.

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose in August as the net export balance of trade increased to 54.5 million pounds, up from the 53.6 million pound export balance in July.

Falling imports and exports of man-made fiber caused the trade balance to increase. Imports of fiber totaled 29.6 million pounds, down 2% from July's level of 30.2 million pounds. The fiber exports in August totaled 84.1 million pounds, down slightly from the 83.6 million pounds in July.

The August trade balance is almost 5% below that of August 1984. This month's exports are 8% higher than the level of last August, while imports are 47% above the August 1984 level.

AUGUST DETAIL

The net export trade balance in noncellulosic staple+tow declined almost 20% in August to 22.5 million pounds, while the net export trade balance in noncellulosic yarn+monofilaments rose over 10% to 23.2 million pounds.

The noncellulosic staple+tow balance of trade declined in August as imports rose by a modest 1% and exports fell by over 12%.

The balance of trade for noncellulosic yarn+monofilaments rose in August as a result of rising exports and declining imports. Exports increased by 3% and imports declined by almost 13%.

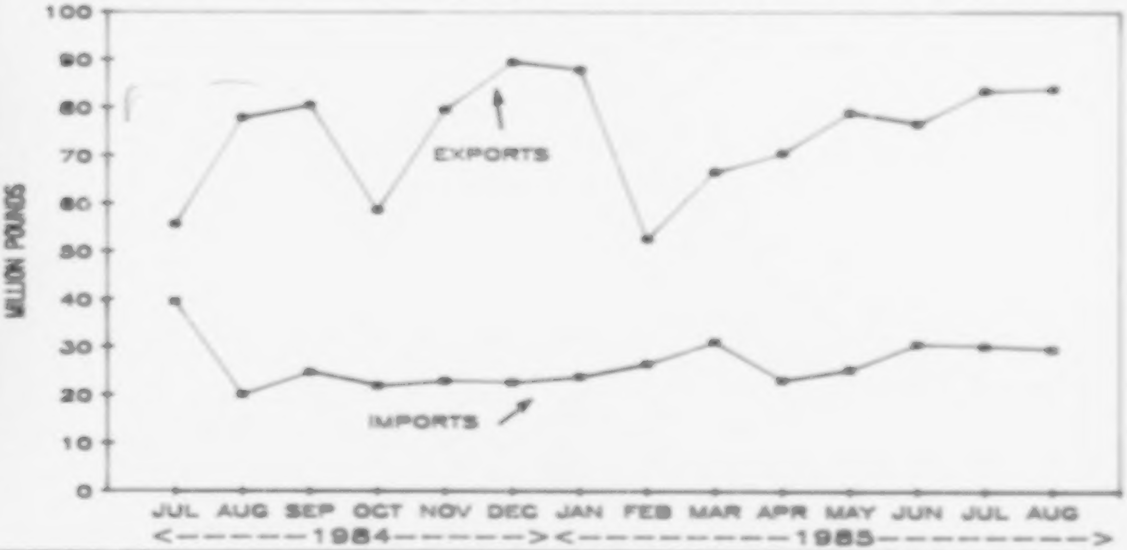
Key areas to note in August:

- *Olefin Staple. Imports increased dramatically by 78%.*
- *Acrylic Staple. Imports rose by 40%, while exports fell by 24%.*
- *Polyester Textured Yarn. Exports declined by 16%.*
- *Polyester High Tenacity. Exports advanced by 20%.*

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented, the manufactures trade data will again appear in the ***ORGANON***.

GRAPH 5:
IMPORTS VS EXPORTS OF MAN—MADE FIBER



GRAPH 6:
MAN—MADE FIBER MONTHLY TRADE BALANCE

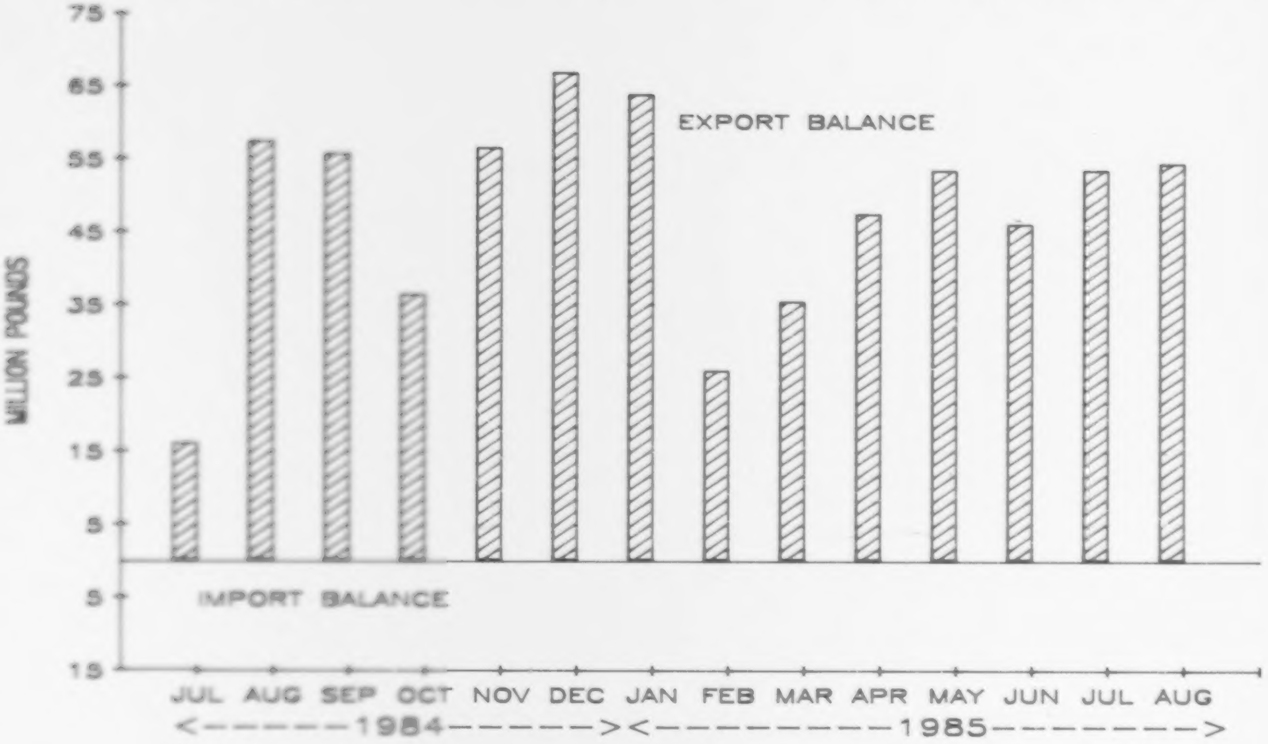


TABLE 5:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL

MILLION POUNDS

COMMODITY	1984						1985							
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
CELLULOSIC YARN+MONOFILAMENTS	[illegible]6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I	0.3 E	+	0.1 I	0.8 I	+	0.4 I
CELLULOSIC STAPLE+TOW	[illegible]2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E	2.2 E	3.7 E	1.5 E	4.4 E	0.9 E	4.3 E
NONCELLULOSIC YARN+MONOFILAMENTS	[illegible]2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E	10.2 E	18.9 E	20.9 E	22.4 E	21.0 E	23.2 E
NONCELLULOSIC STAPLE+TOW	[illegible]7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E	23.4 E	24.9 E	29.0 E	17.2 E	28.0 E	22.5 E
CELLULOSIC WASTE	[illegible]1 E	0.1 I	0.2 E	0.1 I	0.2 E	0.1 E	+	+	0.2 E	0.1 E	0.1 E	0.1 E	+	+
NONCELLULOSIC WASTE	[illegible]1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I	0.7 I	+	2.2 E	2.9 E	3.7 E	4.9 E
TOTAL	16.3 E	57.6 E	55.9 E	36.6 E	56.7 E	67.0 E	64.0 E	26.1 E	35.6 E	47.6 E	53.6 E	46.2 E	53.6 E	54.5 E

I means net-import balance
E means net-export balance

TABLE 6:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985
CANADA	1630	1446	1155	31952	19232	8142	6643	5783	4845	1053	364	152	72168	63903	30637
COSTA RICA	44	32	28	1231	2813	1718	470	547	86	40	74	42	5676	5203	2159
DOMINICAN REPUBLIC	29	5	0	2681	1275	1050	98	68	108	39	0	31	429	466	211
EL SALVADOR	2	7	14	2759	3444	1459	558	487	458	347	35	0	9248	6639	2961
GUATEMALA	34	0	75	1876	2328	1136	213	239	171	300	44	0	4989	3181	1977
HAITI	2	0	0	726	465	92	773	710	451	0	0	0	32	36	0
HONDURAS	2	34	0	1035	478	100	8	137	193	+	0	+	1985	2162	367
JAMAICA	0	1	0	354	218	127	27	7	3	2	44	0	31	34	7
LEEWARD & WINDWARD IS.	0	0	0	157	65	0	10	1	0	0	10	0	2	7	0
MEXICO	23	22	12	350	485	454	641	1845	993	5999	9441	9390	1686	2010	1713
NICARAGUA	0	0	0	+	0	0	+	1	0	0	0	0	7	0	0
PANAMA	0	0	0	52	31	67	12	101	77	0	0	0	108	50	3
TRINIDAD	0	0	0	120	69	1	39	16	2	+	1	1	17	3	5
OTHER	+	2	0	2	26	+	11	19	0	+	+	1	13	48	2
NORTH AMERICA	**1766**	**1549**	**1284**	**43295**	**30929**	**14346**	**9503**	**9961**	**7387**	**7780**	**10013**	**9617**	**96391**	**83742**	**40042**
ARGENTINA	197	92	116	3125	3596	344	481	1088	4	286	707	112	7493	13272	709
BOLIVIA	22	0	0	9	72	+	21	1	4	0	0	0	615	172	225
BRAZIL	1	+	0	956	1752	648	754	1152	341	6	15	0	253	171	240
CHILE	56	10	0	194	281	19	206	65	10	3002	2041	365	4197	9250	2964
COLOMBIA	160	12	0	1388	2436	817	372	603	146	3048	4921	1038	4675	15187	5889
ECUADOR	769	266	222	671	563	1218	224	46	263	826	264	189	5789	7177	5260
PARAGUAY	6	0	0	26	2	0	0	0	+	0	0	14	0	0	0
PERU	3	2	1	260	127	117	137	130	91	577	1	48	965	1369	497
URUGUAY	0	0	15	353	170	76	1	7	1	13	844	0	143	756	381
VENEZUELA	66	9	60	1295	1866	775	219	309	557	8905	19548	7042	1222	2822	995
OTHER	+	0	0	6	0	8	18	0	0	2	0	0	2	+	0
SOUTH AMERICA	**1280**	**391**	**414**	**8283**	**10865**	**4022**	**2433**	**3401**	**1417**	**16665**	**28341**	**8808**	**25354**	**50176**	**17160**
BELGIUM/LUX.	7513	2308	1234	16988	13737	4263	15316	10909	4871	21	812	285	13314	14455	5010
DENMARK	0	0	0	232	87	3	0	20	0	17	15	2	3674	1737	644
FRANCE	20	1	0	2619	2384	1409	361	136	111	166	251	46	536	579	245
GERMANY, FED. REP. OF	146	257	0	1319	1337	959	1205	763	912	341	211	70	895	1587	1410
GREECE	7	0	1	235	16	0	36	27	12	33	0	31	288	459	54
IRELAND	0	0	0	3989	1728	571	70	80	133	0	113	0	484	396	248
ITALY	+	0	0	1454	938	350	3417	5070	2836	63	353	737	758	972	2213
NETHERLANDS	0	0	0	1039	976	537	162	116	154	18	50	9	1676	3750	1802
UNITED KINGDOM	62	1	145	3874	4545	2334	4014	4760	2339	353	266	440	3524	2551	1638
AUSTRIA	0	0	0	29	20	4	11	90	11	4	19	1	43	16	12
CZECHOSLOVAKIA	0	0	0	0	0	0	150	203	127	0	0	0	0	0	0
FINLAND	0	0	0	188	19	3	386	478	123	2	36	3	2921	418	82
GERMAN DEM. REP.	0	0	0	84	19	0	0	0	0	0	0	0	447	242	0
HUNGARY	0	+	0	0	0	0	0	0	0	0	0	0	0	0	0
ICELAND	0	0	0	1	0	0	0	1	0	0	0	0	0	164	93
NORWAY	+	0	0	113	6	0	41	2	0	46	60	27	127	111	38
POLAND	53	96	57	219	202	67	3674	2324	1166	0	0	0	4421	11441	4980
PORTUGAL	0	0	0	439	1066	131	8	6	21	2	0	0	101	1	+
SPAIN	0	0	0	361	0	385	2629	2336	1304	96	60	34	2771	1563	1892
SWEDEN	0	0	0	223	341	68	1198	2032	854	27	31	17	903	417	78
SWITZERLAND	6	0	0	281	18	239	42	83	15	15	13	6	1074	50	23
TURKEY	4	0	0	4329	561	230	20338	29301	14724	0	0	0	3801	97	+
USSR	1374	0	0	0	0	0	0	0	213	11178	11217	0	0	0	0
YUGOSLAVIA	0	0	0	0	0	+	+	212	173	0	0	0	396	0	0
OTHER	109	0	0	7	0	0	0	0	0	219	0	0	220	+	0
EUROPE	**9294**	**2663**	**1437**	**38023**	**28000**	**11553**	**53058**	**58949**	**30099**	**12601**	**13507**	**1708**	**42374**	**41006**	**20462**

See footnotes opposite.

TABLE 7:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
COUNTRY	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985	1983	1984	6 MOS. 1985
AUSTRALIA	2216	1424	732	5082	5136	1472	1559	1591	652	322	178	114	4941	4812	1605
BANGLADESH	0	0	0	220	45	75	0	0	0	0	0	0	0	0	0
CHINA, PRC	0	1	0	13014	35699	46477	54	860	6523	0	0	0	42424	127798	97419
HONG KONG	4	41	0	574	520	2206	204	177	1246	2	2	1	1805	8115	4312
INDIA	14	46	0	230	126	216	2017	2389	1464	433	7	66	245	1476	2125
INDONESIA	36	0	0	288	305	109	*	170	54	575	15	0	90	630	2
IRAQ	0	0	0	1308	6	0	0	0	0	0	0	0	0	0	0
ISRAEL	1	2	0	3829	2787	1786	5832	5869	2113	3	6	8	1316	2040	679
JAPAN	5	1	23	1564	2101	966	9033	9061	6186	193	187	138	2913	3251	1538
JORDAN	0	0	161	228	227	142	6	0	0	0	0	0	*	0	0
KOREA, REP. OF	491	408	0	1022	349	356	251	479	236	1100	1	1	5133	4430	2983
LEBANON	0	0	0	165	25	0	*	7	0	0	0	0	*	1	0
MALAYSIA	15	0	0	0	0	0	0	1	0	3	7	0	45	575	0
NEW ZEALAND	67	5	0	612	1319	395	301	557	277	271	7	32	243	385	193
PAKISTAN	0	0	0	77	84	88	0	75	0	29	0	0	1	0	12
PHILIPPINES	16	28	2	262	268	109	164	575	355	1296	2908	9	5315	3496	512
QATAR	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SAUDI ARABIA	0	0	0	64	47	3	111	5	27	11	4	3	1	42	41
SINGAPORE	0	0	0	2	13	3	5	5	108	*	5	0	106	203	61
SYRIA	0	0	0	19	151	32	0	582	0	0	0	0	0	0	0
TAIWAN	13	1702	6	425	11343	2043	1299	2481	863	670	71	135	53660	60495	25043
THAILAND	24	63	81	20	4	2	13	2	26	0	0	0	782	1064	553
UNIT. ARAB EMIRATES	0	0	0	0	*	0	*	1	0	0	0	0	2	37	*
OTHER	3	0	3	122	2	*	39	0	0	0	1	3	28	165	4
ASIA & OCEANIA	2905	3721	1008	29127	60557	56480	20868	24887	20130	4908	3399	511	119050	219035	137082
ALGERIA	0	0	0	5372	5658	2202	0	3	0	0	0	0	0	0	0
CAMEROON	0	0	0	68	127	0	0	0	0	0	0	0	*	287	0
EGYPT	4	0	0	5618	4056	660	0	55	31	915	444	0	7612	8555	6057
KENYA	0	0	0	0	0	0	*	4	0	5	2	0	241	0	306
MOROCCO	33	71	0	29	69	12	7	21	47	0	0	0	0	383	0
MOZAMBIQUE	0	0	0	31	0	0	0	0	0	0	0	0	256	0	0
NIGERIA	0	0	0	5941	1174	779	2	50	1	101	0	0	0	631	0
SOUTH AFRICA	536	439	152	3881	2349	542	418	651	102	118	99	12	18132	22793	6774
SUDAN	0	0	0	1	0	0	0	4	0	0	0	0	217	108	9
TANZANIA	0	0	0	488	361	243	1	8	0	0	0	0	0	0	0
TUNISIA	0	0	0	76	110	0	0	0	0	0	0	0	0	90	3
ZAMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	28	46	0	*	43	51	0	167	0	2139	2757	844
OTHER	0	0	0	127	117	106	*	*	1	118	0	0	0	0	0
AFRICA	573	510	152	21660	14067	4544	428	839	233	1257	712	12	28597	35604	13993
GRAND TOTAL	15818	8834	4295	140388	144418	90945	86290	98037	59266	43211	55972	20656	311766	429563	228739

SOURCE: U.S. Census Bureau Report EM546.
The commodity numbers are:
A. 309.0110, .2210, 310.0006 & .0026.
B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044
C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.
D. 309.4219, & .4222.
E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

Correction:

On page 134 of the ***June 1985 Organon***, please insert the following company under the United Kingdom:

Montefibre
Acrylic Coleraine, Londonderry, N. Ireland (staple, tow & tops).

TABLE 8:
U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1981	1982	1983	1984	6 MOS. 1985	1981	1982	1983	1984	6 MOS. 1985
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	357	402	239	129	47	594	655	502	337	171
OTHER[b]	310.0026	23914	21618	15496	8614	4177	27329	24490	16908	10051	6958
MONOFILAMENTS	309.0110	90	15	43	12	64	212	90	135	66	134
STRIPS	309.2210	346	105	40	79	7	273	96	56	85	19
SUBTOTAL ABOVE		**24707**	**22140**	**15818**	**8834**	**4295**	**28408**	**25331**	**17601**	**10539**	**7282**
STAPLE+TOW - RAYON	309.4222	55156	63371	40118	53882	19873	39032	41063	27427	37688	13762
STAPLE - ACETATE	309.4219	7004	3642	3093	2090	783	4323	3277	2677	2337	1305
SUBTOTAL ABOVE		**62160**	**67013**	**43211**	**55972**	**20656**	**43355**	**44340**	**30104**	**40025**	**15067**
WASTE, ADVANCED & NOT ADVANCED	**309.7400**	**2799**	**3193**	**1363**	**1632**	**743**	**1358**	**1397**	**527**	**1082**	**476**
NONCELLULOSIC FIBERS											
YARN - SINGLES[a]											
NYLON - TEXTURED	310.0008 & .0009	69600	39429	40008	32268	12909	107096	62179	58366	50916	18836
- HIGH TENACITY[c]	310.0027	57400	48396	55606	66732	34364	72569	57259	65096	62515	32009
- OTHER	310.0029	19424	11789	15580	13155	4873	37980	23987	33591	28217	9902
POLYESTER - TEXTURED	310.0010	236152	182935	64040	79753	59513	286022	227816	80399	93889	61608
- HIGH TENACITY[c]	310.0032	23440	13752	12237	9156	12280	31474	17846	15553	11064	11039
- OTHER	310.0034[d]	11759	10179	3713	5968	5150	13226	10221	6518	8371	5947
OTHER - TEXTURED	310.0014	11751	15652	12631	7673	3407	15085	19147	16139	12040	4956
- OLEFIN	310.0040	2603	1124	806	340	250	3312	1643	1259	485	308
- OTHER	310.0044	5231	3891	3610	5261	4843	21738	19335	20983	26909	17266
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	7786	4424	2350	2848	1276	20698	14193	10009	10435	4912
POLYESTER[e]	309.0140	7163	4242	2925	3794	3077	11903	8662	7292	10141	8083
OTHER	309.0170	6560	8185	9930	11047	5899	23244	28295	19101	22912	9140
STRIPS	309.2220 & .2270	4555	2366	3242	4460	2370	6635	4642	5402	11398	7170
SUBTOTAL ABOVE		**463424**	**346364**	**226678**	**242455**	**150211**	**650982**	**495225**	**339708**	**349292**	**191176**
STAPLE - NYLON	309.4240	27556	15374	13518	14904	5186	33825	19751	17857	21685	6777
- POLYESTER	309.4242	522681	189584	101255	178903	109001	361110	134073	68307	116843	69573
- ACRYLIC	309.4245	156661	126617	114385	162285	73623	114359	91350	78572	114377	49062
- OLEFIN	309.4246	1758	7616	3698	4368	3903	1491	3663	2746	4088	3030
- OTHER	309.4247	18033	15410	11974	8555	5456	31381	29336	28331	30566	17674
GROUPED FILAMENTS											
NYLON	309.3220	4561	4966	3425	3048	913	9625	11281	8766	8947	2406
POLYESTER[d]	309.3240	26777	28133	28890	23693	15246	28444	28075	25808	20749	11836
ACRYLIC	309.3250 & .3255	32655	23322	34621	33807	15411	25940	19341	28101	27202	11479
SUBTOTAL ABOVE		**790682**	**411022**	**311766**	**429563**	**228739**	**606175**	**336870**	**258488**	**344457**	**171837**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	13938	11806	11841	12465	1537	8903	7648	6093	6494	1079
POLYESTER	309.7630	54117	50903	40473	57371	19348	20814	21091	16090	22417	8256
ACRYLIC	309.7640	4795	1713	2025	4620	2027	1552	610	773	1365	496
OTHER	309.7660	34415	21654	16942	15203	5815	13433	10206	6583	6385	2549
SUBTOTAL ABOVE		**107265**	**86076**	**71281**	**89659**	**28727**	**44702**	**39555**	**29539**	**36661**	**12380**
TOTAL MAN-MADE FIBER ABOVE		**1451037**	**935808**	**670117**	**828115**	**433371**	**1374980**	**942718**	**675967**	**782036**	**398218**
TEXTILE GLASS FIBER	309.2700 & .9700	38934	43714	39413	58101	33668	41642	39861	29553	56385	31204
GRAND TOTAL ABOVE		**1489971**	**979522**	**709530**	**886216**	**467039**	**1416622**	**982579**	**705520**	**838421**	**429422**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 9:
U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1981	1982	1983	1984	6 MOS. 1985	1981	1982	1983	1984	6 MOS. 1985
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	309	561	256	1571	79	505	857	290	940	123
OTHER	310.0130 & .0230[a]	10373	6437	7843	8245	5574	15748	10381	12365	12924	8417
MONOFILAMENTS	309.0310 & .0610	4	2	24	5	18	32	10	36	20	42
STRIPS, $1/LB & UNDER	309.2000*	33	27	570	160	245	28	15	396	88	187
SUBTOTAL ABOVE		**10719**	**7027**	**8693**	**9981**	**5916**	**16313**	**11263**	**13087**	**13972**	**8769**
STAPLE	309.4320 & .4325	14626	11939	12752	15388	6033	10348	8383	8434	10320	3827
GROUPED FILAMENTS	309.3010 & .3110	2137	1469	836	1605	540	2211	2342	1312	2619	891
SUBTOTAL ABOVE		**16763**	**13408**	**13588**	**16993**	**6573**	**12559**	**10725**	**9746**	**12939**	**4718**
WASTE, ADVANCED & NOT ADVANCED	**309.6500 & .7510[b]**	**519**	**395**	**277**	**- 530**	**210**	**291**	**170**	**164**	**323**	**118**
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON	310.0109 & .0209	3827	4744	5123	17966	13048	7103	8157	8610	26141	14174
- POLYESTER	310.0110 & .0210	768	510	2182	10806	8939	939	563	2403	10513	8142
- OTHER	310.0114 & .0214	492	4340	7659	8939	6557	895	5580	8986	10536	7219
OTHER - NYLON	310.0149 & .0249	3976	5533	14745	30192	11349	6147	7941	17994	39222	14686
- POLYESTER	310.0150 & .0250	5441	5263	13629	15698	8457	7082	7584	17705	21121	10552
- OTHER	310.0170 & .0270[c]	1595	1639	2739	2468	1133	3151	4854	6730	4139	3610
MONOFILAMENTS	309.0200 & .0330[d]	2615	1497	1737	2857	1115	6515	5053	4721	8817	3102
STRIPS, OVER $1/LB	309.2100 & .2500*	220	306	553	1066	555	1547	2069	3952	5844	3112
SUBTOTAL ABOVE		**18934**	**23832**	**48367**	**89992**	**51153**	**33379**	**41801**	**71101**	**126333**	**64597**
STAPLE - NYLON	309.4338	23576	11503	27648	38281	16753	25067	10488	23588	36579	14897
- POLYESTER	309.4342	6649	7257	21502	22890	13164	4289	4791	11912	13272	7927
- ACRYLIC	309.4345	10465	7851	13644	13541	7008	10179	6777	12052	12568	6493
- OLEFIN	309.4346	1134	627	1195	2213	2211	638	638	911	1630	1559
- OTHER	309.4355	10666	10853	9078	15412	12071	7798	6744	7010	11326	9389
GROUPED FILAMENTS - NYLON	309.3030 & .3130	2175	7620	19085	23129	14220	2625	11385	27142	33524	21433
- POLYESTER	309.3040 & .3140	336	56	2035	7104	1993	541	160	2268	6569	1962
- ACRYLIC	309.3050 & .3150	3434	4438	6642	6929	4157	7181	8313	13631	15116	8956
- OTHER	309.3065 & .3165	2082	882	663	1660	968	2965	1247	742	2371	1232
SUBTOTAL ABOVE		**60517**	**51087**	**101492**	**131159**	**72545**	**61283**	**50543**	**99256**	**132955**	**73848**
WASTE, NOT ADVANCED											
NYLON	309.6625	25255	22190	26745	31205	16601	8358	8275	11494	13876	6953
POLYESTER	309.6630	18111	11187	13004	8042	4691	3640	1944	2503	1325	815
ACRYLIC	309.6645	2872	932	304	39	88	999	274	76	8	6
OTHER	309.6660	2969	2530	2724	4074	743	844	689	1000	2027	240
NOILS & GARNETTED FIBERS	309.6000 & .7000*	85	55	232	458	93	54	34	82	254	59
OTHER WASTE, ADVANCED	309.7525 - .7555	536	851	3080	6729	1727	366	471	1219	1912	385
SUBTOTAL ABOVE		**49828**	**37745**	**46089**	**50547**	**23943**	**14261**	**11687**	**16374**	**19402**	**8458**
TOTAL MAN-MADE FIBER ABOVE		**157280**	**133494**	**218506**	**299202**	**160340**	**138086**	**126189**	**209728**	**305924**	**160508**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1106	25	2	1	1	1	41	10	4	7	7
- NONCELLULOSIC	310.1015* & .1109[f]	3385	5315	8110	12223	3871	5774	7806	11709	17370	4851
OTHER -CELLULOSIC	310.1030 & .1135[g]	21	146	93	173	246	108	240	351	723	597
- NONCELLULOSIC	310.1050 & .1070[h]	373	979	2054	2763	2952	763	1789	3594	4447	4722
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	659	325	1091	1724	766	1522	756	1975	2224	995
- OTHER	310.4015 & .4027[j]	18599	22056	31487	35583	17697	32603	40264	51623	58127	28596
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	4117	3107	2955	7517	4123	12852	9649	10969	16210	7313
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	2797	2277	2654	5445	4116	10681	9170	11898	18111	13155
SLIVER, TOPS & ROVING	309.9000	3622	2626	4755	4544	1379	2801	2977	5193	4792	1466
TEXTILE GLASS FIBER	309.2800 & .2900[k]	18212	14100	20020	23083	16884	12914	10114	13878	19203	14100
GRAND TOTAL ABOVE		**209090**	**184427**	**291726**	**392258**	**212375**	**218145**	**208964**	**320922**	**447138**	**236310**

SOURCE: U.S.Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 10:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985												YEAR-TO-DATE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1985	1984
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0	4	30	4	2	7	2	15					64	96
OTHER[b]	310.0026	811	117	971	765	697	816	841	873					5891	7054
MONOFILAMENTS	309.0110	0	0	0	60	4	0	0	9					73	8
STRIPS	309.2210	0	7	0	0	0	0	0	0					7	58
SUBTOTAL ABOVE		**811**	**128**	**1001**	**829**	**703**	**823**	**843**	**897**					**6035**	**7216**
STAPLE+TOW-RAYON	309.4222	2925	2042	3375	4870	2144	4517	1486	5258					26617	40769
STAPLE-ACETATE	309.4219	12	133	140	133	70	295	203	102					1088	1683
SUBTOTAL ABOVE		**2937**	**2175**	**3515**	**5003**	**2214**	**4812**	**1689**	**5360**					**27705**	**42452**
WASTE, ADVANCED & NOT ADVANCED	309.7400	**72**	**119**	**161**	**113**	**137**	**141**	**94**	**48**					**885**	**1123**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & 0009	2478	2450	2480	2073	1961	1467	2065	3201					18175	22645
- HIGH TENACITY[c]	310.0027	4921	6044	6255	5527	7101	4516	4898	5777					45039	40343
- OTHER	310.0029	883	1002	954	824	610	600	584	657					6114	9405
POLYESTER-TEXTURED	310.0010	7465	5968	5803	13481	10315	16481	1593[illegible]	13323					88771	48067
- HIGH TENACITY[c]	310.0032	865	795	641	946	4285	4748	364[illegible]	4365					20286	5822
- OTHER	310.0034[d]	2458	102	422	295	1114	759	382	[illegible]81					6313	3251
OTHER - TEXTURED	310.0014	264	588	1152	258	509	636	1154	1024					5585	4644
- OLEFIN	309.0040	52	5	61	18	47	67	49	[illegible]3					362	265
- OTHER	310.0044	557	572	607	711	655	1741	810	394					6047	3563
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	231	195	189	136	288	237	135	176					1587	1717
POLYESTER[e]	309.0140	667	434	470	472	533	501	403	720					4200	2045
OTHER	309.0170	1060	996	908	1335	894	706	422	1132					7453	6331
STRIPS	309.2220 & 2270	427	339	346	316	296	646	335	168					2873	3183
SUBTOTAL ABOVE		**22328**	**19490**	**20288**	**26392**	**28608**	**33105**	**30813**	**31781**					**212805**	**151281**
STAPLE - NYLON	309.4240	1180	471	783	1269	491	992	795	1322					7303	10510
- POLYESTER	309.4242	23227	9880	18988	16125	22416	18365	17503	15824					142328	87567
- ACRYLIC	309.4245	21821	12541	11117	11634	10587	5923	17806	13538					104967	106606
OLEFIN	309.4246	1039	261	620	442	750	791	137	576					4616	2579
- OTHER	309.4247	755	875	890	775	1217	944	821	1162					7439	6156
GROUPED FILAMENTS															
NYLON	309.3220	211	95	51	142	24	390	142	295					1350	2074
POLYESTER[d]	309.3240	3251	1302	2292	2519	3107	2775	3484	3062					21792	17392
ACRYLIC	309.3250 & 3255	3372	2291	1957	2543	3648	1600	2974	2563					20948	23190
SUBTOTAL ABOVE		**54856**	**27716**	**36698**	**35449**	**42240**	**31780**	**43662**	**38342**					**310743**	**256074**
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	303	196	237	297	345	159	200	743					2480	8935
- POLYESTER	309.7630	4721	2235	3165	1606	3530	4091	4135	4105					27588	38915
- ACRYLIC	309.7640	419	214	716	111	176	391	298	810					3135	2893
- OTHER	309.7660	1405	342	873	803	1012	1380	1907	2020					9742	10819
SUBTOTAL ABOVE		**6848**	**2987**	**4991**	**2817**	**5063**	**6021**	**6540**	**7678**					**42945**	**61562**
TOTAL MAN-MADE FIBER ABOVE		**87852**	**52615**	**66654**	**70603**	**78965**	**76682**	**83641**	**84106**					**601118**	**519708**
TEXTILE GLASS FIBER	309.2700 & 9700	7000	3868	7463	5183	5044	5110	4786	4232					42686	35544
GRAND TOTAL ABOVE		**94852**	**56483**	**74117**	**75786**	**84009**	**81792**	**88427**	**88338**					**643804**	**555252**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 11:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985												YEAR TO DATE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1985	1984
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	41	0	0	0	37					116	1329
OTHER	310.0130 & .0230*	1105	751	697	726	748	1547	723	1164					7461	5583
MONOFILAMENTS	309.0310 & .0610	0	17	1	0	0	0	0	0					18	5
STRIPS, $1/LB & UNDER	309.2000*	5	36	4	79	42	79	160	101					506	104
SUBTOTAL ABOVE		**1110**	**804**	**740**	**846**	**790**	**1626**	**883**	**1302**					**8101**	**7021**
STAPLE	309.4320 & .4325	1319	1255	1255	1186	610	408	745	877					7655	10308
GROUPED FILAMENTS	309.3010 & .3110	62	163	58	122	106	29	77	193					810	957
SUBTOTAL ABOVE		**1381**	**1418**	**1313**	**1308**	**716**	**437**	**822**	**1070**					**8465**	**11265**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510[b]	**96**	**73**	**0**	**41**	**0**	**0**	**78**	**0**					**288**	**322**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	2115	1670	2496	1646	992	4129	3940	3733					20721	12516
- POLYESTER	310.0110 & .0210	654	758	2492	1531	1834	1670	1394	1065					11398	7379
- OTHER	310.0114 & .0214	1157	1238	1081	816	1002	1263	1265	1031					8853	5689
OTHER - NYLON	310.0149 & .0249	2037	1819	1450	2132	1950	1961	1783	1219					14351	20274
- POLYESTER	310.0150 & .0250	1336	1326	2183	838	1483	1291	1017	1263					10737	12088
- OTHER	310.0170 & .0270[c]	179	243	140	182	281	108	136	75					1344	1933
MONOFILAMENTS	309.0200 & .0330[d]	240	133	190	238	118	196	204	103					1422	2167
STRIPS, OVER $1/LB	309.2100 & .2500*	52	118	59	112	72	142	111	111					777	734
SUBTOTAL ABOVE		**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**9850**	**8600**					**69603**	**62780**
STAPLE - NYLON	309.4338	2329	1897	4525	2186	2030	3786	4667	5085					26505	24953
- POLYESTER	309.4342	1623	2018	1854	2551	2736	2382	2233	2149					17546	16961
- ACRYLIC	309.4345	1392	967	1073	1089	1102	1385	1483	2073					10564	9444
- OLEFIN	309.4346	38	169	270	355	583	796	472	841					3524	1635
- OTHER	309.4355	1838	1645	2997	894	2464	2233	1949	2155					16175	10601
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	1742	3045	1957	2013	3112	2351	3233	2381					19834	15132
POLYESTER	309.3040 & .3140	372	335	188	270	160	668	921	464					3378	5065
ACRYLIC	309.3050 & .3150	440	832	273	916	935	761	530	500					5187	4832
OTHER	309.3065 & .3165	70	152	104	293	83	266	195	241					1404	1268
SUBTOTAL ABOVE		**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**15683**	**15889**					**104117**	**89891**
WASTE, NOT ADVANCED															
- NYLON	309.6625	3094	4321	3549	1975	1905	1757	1943	1888					20432	22805
- POLYESTER	309.6630	445	950	1386	435	474	1001	391	259					5341	5749
- ACRYLIC	309.6645	+	0	10	20	58	0	0	53					141	38
- OTHER	309.6660	12	197	169	37	37	291	126	328					1197	2546
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0	0	62	31	0	0	0	31					124	269
OTHER WASTE, ADVANCED	309.7525 - .7555	44	368	498	334	431	52	408	176					2311	2287
SUBTOTAL ABOVE		**3595**	**5836**	**5674**	**2832**	**2905**	**3101**	**2868**	**2735**					**29546**	**33694**
TOTAL MAN-MADE ABOVE		**23796**	**26496**	**31059**	**23089**	**25348**	**30552**	**30184**	**29596**					**220120**	**204973**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	0	+	1	0	0	0	0					1	+
- NONCELLULOSIC	310.1015* & .1109[f]	1106	665	740	248	365	747	1052	910					5833	8024
OTHER - CELLULOSIC	310.1030 & .1135[g]	48	18	17	6	27	130	17	68					331	123
- NONCELLULOSIC	310.1050 & .1070[h]	346	503	337	392	894	480	340	404					3696	1872
SPUN YARN - CELLULOSIC	310.4005 & .4030[i]	83	143	119	110	168	143	160	150					1076	1060
- OTHER	310.4015 & .4027[j]	2643	1623	2810	2749	4479	3393	2901	2315					22913	22409
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	682	296	626	250	1126	1143	668	832					5623	801
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	451	462	739	833	851	780	742	674					5532	2383
SLIVER, TOPS & ROVING	309.9000	205	241	410	131	227	165	149	44					1572	3666
TEXTILE GLASS FIBER	309.2800 & .2900[k]	2454	1496	3565	3438	2160	3771	2589	2727					22200	17432
GRAND TOTAL ABOVE		**31814**	**31943**	**40422**	**31247**	**35645**	**41304**	**38802**	**37720**					**288897**	**252743**

SOURCE: U.S Census Bureau Report IM145X.

NES - Not elsewhere specified.

+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 12:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	120	131	140	185	199	256	138	293					1462	1666
MEXICO	33	40	36	138	64	183	122	81					697	530
FRANCE	27	0	0	30	0	0	0	0					57	243
GERMANY, FED. REP. OF	686	424	358	169	382	645	360	547					3571	3285
NETHERLANDS	77	76	84	145	36	209	101	128					856	356
JAPAN	96	73	10	66	9	58	0	85					397	417
REP. OF KOREA	0	0	0	22	9	130	0	80					241	190
ALL OTHER COUNTRIES[a]	71	60	112	91	91	145	162	88					820	234
TOTAL CELL. YARN	**1110**	**804**	**740**	**846**	**790**	**1626**	**883**	**1302**					**8101**	**7021**
CELLULOSIC STAPLE+TOW														
CANADA	788	662	561	548	522	348	556	545					4530	5408
AUSTRIA	62	88	19	20	0	20	0	153					362	1434
SWEDEN	314	368	271	595	1	0	189	90					1828	2665
UNITED KINGDOM	162	268	180	53	52	62	47	144					968	687
JAPAN	20	32	59	92	91	5	29	100					428	909
ALL OTHER COUNTRIES[b]	35	0	223	0	50	2	1	38					349	162
TOTAL CELL. STAPLE+TOW	**1381**	**1418**	**1313**	**1308**	**716**	**437**	**822**	**1070**					**8465**	**11265**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	962	716	939	1085	1038	1507	1924	2334					10505	12811
COSTA RICA	0	0	30	0	7	31	1	14					83	221
MEXICO	624	586	923	566	435	1099	766	687					5688	10434
AUSTRIA	83	109	89	126	43	44	31	54					579	277
BELGIUM	205	454	949	519	540	1084	642	404					4797	64
FRANCE	682	441	320	314	104	471	375	546					3253	1431
GERMANY, FED. REP. OF	1676	1879	2645	1170	1639	1308	1368	739					12424	12083
ITALY	1528	911	925	258	529	2020	1581	1391					9143	4296
NETHERLANDS	93	1	37	54	98	79	136	53					551	478
SPAIN	1	0	+	0	2	1	0	2					6	323
SWITZERLAND	35	26	32	14	32	26	10	126					301	370
UNITED KINGDOM	591	612	807	575	638	629	517	330					4699	3084
ISRAEL	78	274	98	182	286	278	142	232					1570	1157
JAPAN	584	793	473	875	724	462	475	332					4718	11271
REP. OF KOREA	3	1	1	4	1	0	1	0					11	289
TAIWAN	9	1	21	19	33	38	30	7					158	492
ROMANIA	88	0	0	0	22	0	0	0					110	435
SOUTH AFRICA	286	209	1618	986	1189	1260	902	966					7416	2641
ALL OTHER COUNTRIES[c]	242	290	184	748	372	423	949	383					3591	623
TOTAL N.C. YARN	**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**9850**	**8600**					**69603**	**62780**
NONCELLULOSIC STAPLE+TOW														
BRAZIL	278	415	935	0	670	536	55	264					3153	817
CANADA	1640	2153	1296	2287	2591	2214	2085	2626					16892	9605
COSTA RICA	86	330	187	260	144	189	400	221					1817	1601
MEXICO	1111	433	772	345	420	953	623	587					5244	13168
BELGIUM	127	85	12	67	18	20	18	57					404	402
FRANCE	920	1032	923	621	392	656	1177	1041					6762	3254
GERMANY, FED. REP. OF	1656	1970	1670	1456	2367	2402	3090	2897					17508	20569
ITALY	527	411	2448	481	506	1639	2162	2475					10649	9274
NETHERLANDS	74	27	67	29	32	3	40	33					305	526
SWITZERLAND	18	146	11	71	19	40	22	14					341	294
UNITED KINGDOM	740	1287	879	847	1619	1387	1380	1133					9272	9580
ISRAEL	0	1	55	77	127	262	95	150					767	161
JAPAN	1154	1247	1567	1982	2289	2345	1693	2628					14905	9576
REP. OF KOREA	37	170	165	928	475	346	317	345					2783	330
TAIWAN	1301	1033	2115	865	1290	1354	2199	1313					11470	8127
ROMANIA	83	88	95	36	29	99	136	29					595	1386
SOUTH AFRICA	49	131	0	25	57	24	27	28					341	424
ALL OTHER COUNTRIES[d]	43	101	44	190	160	159	164	48					909	797
TOTAL N.C. STAPLE+TOW	**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**15683**	**15889**					**104117**	**89891**

+ Means a nominal poundage.

Other countries supplying 1985 poundages are:

a. Australia 1, Belgium 22, Brazil 365, Hong Kong 12, Ireland 112, Italy 6, China, PRC 2, Sweden 10, Taiwan 70, Thailand 13, United Kingdom 207.

b. Brazil 1, Fed. Rep. of Germany 44, Finland 79, France 14, Italy 43, Netherlands 3, Taiwan 165.

c. Argentina 7, Australia 115, Belgium +, Brazil 214, Denmark 114, German Dem. Rep. 24, Hong Kong 4, Iran 51, Ireland 148, Lebanon +, Morocco 55, Norway 204, Portugal 2, China, PRC 2, Singapore 53, Sweden 159, Turkey 47, Yugoslavia 2392.

d. Australia 104, Austria 116, Denmark 113, Finland 289, Hong Kong 4, Iceland 35, Ireland 52, Jordan 16, Kiribat 29, Philippines +, Portugal +, Spain 1, Sweden 35, Turkey 8, Yugoslavia 107.

TABLE 13:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985												YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1985	1984
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
CELLULOSIC YARN[k]	**17.3**	**16.7**	**17.7**	**18.6**	**19.0**	**16.4**	**16.2**	**17.5**	**17.5**				**156.9**	**158.4**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1	27.6	28.7	24.0	26.3	28.4	31.4				262.6	278.6
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0	2.2	1.9	1.7	1.6	2.0	2.5				18.4	26.1
- CARPET	57.1	51.9	59.5	69.2	72.7	69.9	69.9	79.4	80.0				609.6	599.1
- TEXTILE	30.5	27.0	27.5	27.8	27.9	23.5	23.7	27.1	29.1				244.1	270.0
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3	26.4	25.4	21.6	21.4	23.6	23.0				217.6	237.3
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4	2.0	2.0	2.0	1.7	2.0	2.4				16.7	18.1
- TEXTILE	69.5	75.6	81.9	89.6	89.3	83.9	80.4	86.7	96.2				753.1	635.9
OLEFIN[h]	78.0	79.9	82.8	86.0	89.1	90.4	75.6	89.9	78.2				749.9	531.4
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**	**313.5**	**330.8**	**337.0**	**317.0**	**300.6**	**339.1**	**342.8**				**2872.0**	**2596.5**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**29.0**	**25.0**	**27.7**	**30.0**	**30.5**	**29.6**	**30.4**	**32.8**	**29.7**				**264.7**	**296.7**
NYLON[e]	70.5	60.6	65.0	67.9	71.2	66.7	68.2	74.2	73.7				618.0	629.5
ACRYLIC+MODACRYLIC	51.5	55.0	57.8	54.9	56.7	50.5	52.5	55.3	57.5				491.7	513.0
POLYESTER	162.4	169.5	175.4	177.4	183.8	162.2	149.4	168.5	173.6				1522.2	1635.4
OLEFIN+VINYON	21.4	23.1	23.7	24.5	26.0	23.4	20.5	27.5	26.0				216.1	182.3
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.9**	**324.7**	**337.7**	**302.8**	**290.6**	**325.5**	**330.8**				**2848.0**	**2960.2**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
CELLULOSIC YARN[k]	**18.2**	**18.2**	**18.9**	**19.2**	**19.2**	**19.4**	**19.9**	**17.9**	**16.6**				**16.6**	**15.3**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4	32.0	27.5	29.9	32.3	29.7	29.5				29.5	25.6
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1	6.1	5.8	5.6	6.0	6.4	6.3				6.3	4.8
- CARPET	68.0	69.5	71.1	58.2	51.9	52.9	55.5	49.5	45.2				45.2	62.7
- TEXTILE	43.1	45.0	47.7	47.5	46.6	48.2	45.7	39.4	40.1				40.1	46.0
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9	24.3	26.2	29.2	28.9	27.8	28.5				28.5	20.8
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8	2.9	3.8	2.8	3.6	2.7	2.7				2.7	5.1
- TEXTILE	79.7	81.6	81.2	80.6	71.2	74.5	80.3	84.2	83.0				83.0	76.5
OLEFIN[h]	62.0	64.3	65.9	64.7	63.3	67.2	63.8	62.2	61.3				61.3	59.1
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**	**328.1**	**316.3**	**296.3**	**310.3**	**316.1**	**301.9**	**296.6**				**296.6**	**300.6**
STAPLE+TOW+FIBERFILL														
RAYON	**30.3**	**31.3**	**32.4**	**31.1**	**29.5**	**28.1**	**27.5**	**24.3**	**22.4**				**22.4**	**28.3**
NYLON[e]	69.7	72.4	74.1	71.1	70.2	69.1	71.0	66.9	68.6				68.6	76.1
ACRYLIC+MODACRYLIC	76.6	75.0	76.1	77.2	75.7	72.5	71.6	66.0	59.3				59.3	71.1
POLYESTER	191.8	192.6	186.9	187.6	187.7	175.7	178.5	156.1	153.1				153.1	205.2
OLEFIN+VINYON	26.1	25.1	24.1	25.5	24.3	22.9	23.9	24.5	24.0				24.0	21.2
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**	**361.4**	**357.9**	**340.2**	**345.0**	**313.5**	**305.0**				**305.0**	**373.6**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	9.6	9.3	13.0	10.9	10.0	11.1	8.7	9.1					81.7	109.6
CARPET CLASS WOOL	1.2	1.1	1.7	1.1	0.9	0.7	0.8	1.0					8.5	7.0
TOTAL RAW WOOL	10.8	10.4	14.7	12.0	10.9	11.8	9.5	10.1					90.2	116.6
RAW COTTON	176.2	193.8	283.2	225.0	204.1	245.9	211.6	221.7					1761.5	1844.4

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 43 of the March 1985 issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

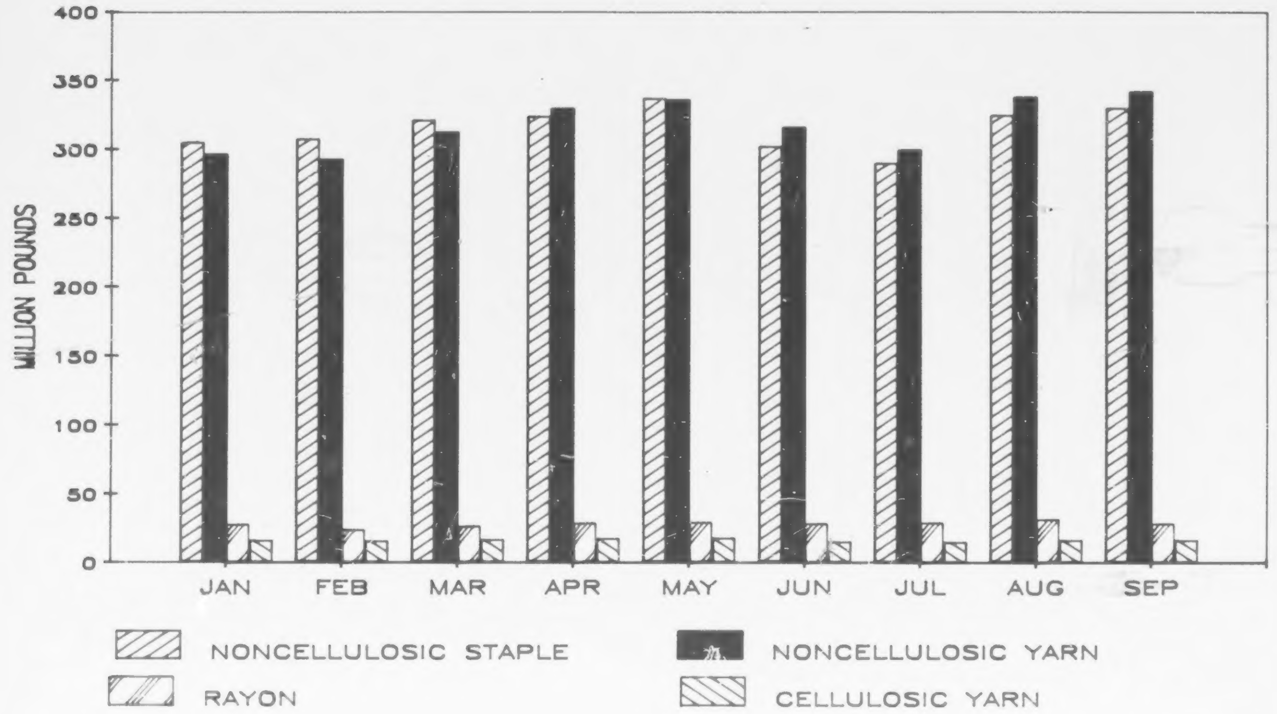
i. Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 43 of the March 1985 issue.

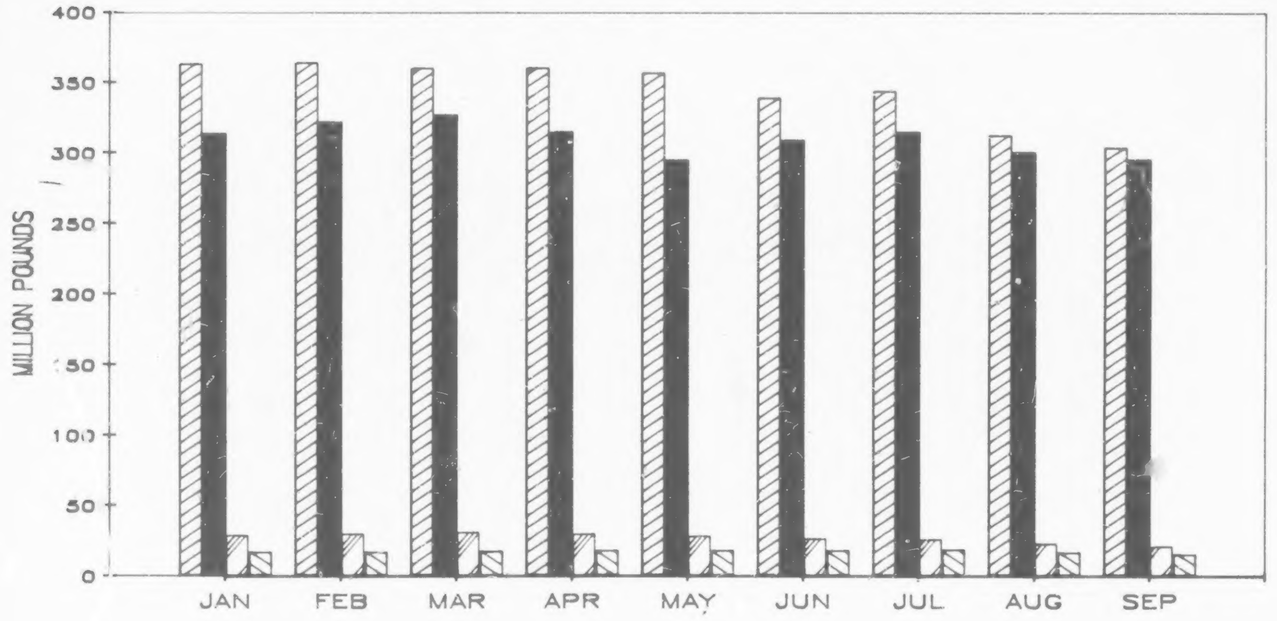
k. Year-to-Date total for 1984, acetate yarn only.

GRAPH 7:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

1985 TOTAL SHIPMENTS



1985 END-OF-MONTH STOCK



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